

```

; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 8775
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-8775

Query Match      4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1304 GGTCTACTGTGA 1315
Db      5 GGTCTACTGTGA 16

RESULT 540
US-09-866-108-9226
; Sequence 9226, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
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; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 9226
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-9226

Query Match      4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1203 CAGAGGCGAGCC 1214
Db      6 CAGAGGCGAGCC 17

RESULT 541
US-09-866-108-9227
; Sequence 9227, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO: 9227
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9227
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Query Match 4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1203 CAGAGGCGCAGCC 1214
Db 5 CAGAGGCGCAGCC 16
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RESULT 542
US-09-866-108-9228
; Sequence 9228, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO: 9228
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9228
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Query Match 4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1203 CAGAGGCGCAGCC 1214
Db 4 CAGAGGCGCAGCC 15
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RESULT 543
US-09-866-108-9229
; Sequence 9229, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
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; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
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; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 9229
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9229
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Query Match 4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Oy 1203 CAGAGGCGCAGCC 1214
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Db 3 CAGAGGCGCAGCC 14
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RESULT 544
US-09-866-108-9230
; Sequence 9230, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
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; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 9230
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9230
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Query Match 4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Oy 1203 CAGAGGCGCAGCC 1214
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Db 2 CAGAGGCGCAGCC 13
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RESULT 545
US-09-866-108-10730
; Sequence 10730, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
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; PRIOR APPLICATION NUMBER: PCT/US01/00666
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 10730
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10730
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Query Match 4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Oy 1182 CTGGGCTCCAG 1193
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Db 6 CTGGGCTCCAG 17
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RESULT 546
US-09-866-108-10731
; Sequence 10731, Application US/09866108
; Patent No. US20020048800A1
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/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 10731
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108-10731

Query Match          4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy      1182 CTGGGCTCCGAG 1193
Db      5 CTGGGCTCCGAG 16

RESULT 547
US-09-866-108-10732
/ Sequence 10732, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
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/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
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/ PRIOR FILING DATE: 2001-01-30
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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 10732
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108-10732
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Query Match          4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy      1182 CTGGGCTCCGAG 1193
Db      4 CTGGGCTCCGAG 15

RESULT 548
US-09-866-108-10733
/ Sequence 10733, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
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/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30  
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PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
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PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Aecomica Sequence Listing Engine  
SEQ ID NO 10733  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-10733

Query Match 4.8%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 3.6e+02;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1182 CTGGGCTCCGAG 1193  
|||||  
Db 3 CTGGGCTCCGAG 14

RESULT 549  
US-09-866-108-10734  
Sequence 10734, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263,6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Aecomica Sequence Listing Engine  
SEQ ID NO 10734  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-10734

Query Match 4.8%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 3.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1182 CTGGGCTCCGAG 1193  
|||||  
Db 2 CTGGGCTCCGAG 13

RESULT 550  
US-09-866-108-10735  
Sequence 10735, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263,6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21

; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aeomica Sequence Listing Engine  
; SEQ ID NO 10735  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-10735

Query Match 4.8%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 3.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1182 CTGGGCTCCAG 1193  
|:|||||:  
Db 1 CTGGGCTCCAG 12

RESULT 551  
US-09-825-805-762  
; Sequence 762, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Academic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MBH00-831-F (400/009)  
; CURRENT APPLICATION NUMBER: US/09/825,805  
; CURRENT FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: 09/578,223  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 09/476,387  
; PRIOR FILING DATE: 1999-12-30  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1558  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 762  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-825-805-762

Query Match 4.8%; Score 12; DB 1; Length 17;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1182 CTGGGCTCCAG 1193  
|:|||||:  
Db 5 CTGGGCTCCAG 16

RESULT 552  
US-10-163-552-615  
; Sequence 615, Application US/10163552  
; Publication No. US20030105051A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to levels  
; FILE OF INVENTION: HER2  
; FILE REFERENCE: MBH01-1653-A (400/014)  
; CURRENT APPLICATION NUMBER: US/10/163,552  
; CURRENT FILING DATE: 2002-06-06  
; NUMBER OF SEQ ID NOS: 1997  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 615  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-163-552-615

Query Match 4.8%; Score 12; DB 1; Length 17;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1182 CTGGGCTCCAG 1193  
|:|||||:  
Db 5 CTGGGCTCCAG 16

RESULT 553  
US-10-339-782-325  
; Sequence 325, Application US/10339782  
; Publication No. US20030166026A1  
; GENERAL INFORMATION:  
; APPLICANT: Lynx Therapeutics, Inc.  
; APPLICANT: Goodman, Laurie J  
; APPLICANT: Bowen, Benjamin A  
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells  
; FILE REFERENCE: 37-000110US  
; CURRENT APPLICATION NUMBER: US/10/339,782  
; CURRENT FILING DATE: 2003-01-08  
; NUMBER OF SEQ ID NOS: 495  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 325  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-339-782-325

Query Match 4.8%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 3.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1220 TCAGAACTCCA 1231  
|:|||||:  
Db 3 TCAGAACTCCA 14

RESULT 554  
US-10-712-672-2703  
; Sequence 2703, Application US/10712672  
; Publication No. US20040102413A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Chowrira, Bharat  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme  
; FILE REFERENCE: MBH00-882-C (400/019)  
; CURRENT APPLICATION NUMBER: US/10/712,672  
; CURRENT FILING DATE: 2003-11-13  
; PRIOR APPLICATION NUMBER: US/09/653,225  
; PRIOR FILING DATE: 2000-08-31  
; PRIOR APPLICATION NUMBER: 60/197,769  
; PRIOR FILING DATE: 2000-04-14  
; PRIOR APPLICATION NUMBER: 60/150,713  
; PRIOR FILING DATE: 1999-08-31  
; NUMBER OF SEQ ID NOS: 5586  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2703

```

; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-712-672-2703

```

Query Match 4.8%; Score 12; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 3.6e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

```
QY      1244 AGTGGTCCGGCT 1255
      ||:|||||:
Db      6  AGUGGUCGGGCU 17
```

```

RESULT 555
US-10-723-361-8774
; Sequence 8774, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 8774
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-8774

Query Match      4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1304 GGTGATCTGTGA 1315
      |||||
Db      6 GGTGATCTGTGA 17

RESULT 556
US-10-723-361-8775
; Sequence 8775, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:

```

```

1 APPLICANT: GU, Yizhong
2 APPLICANT: JI, Yizhong
3 APPLICANT: PENN, Sharon G.
4 APPLICANT: HANZEL, David K.
5 APPLICANT: RANK, David R.
6 APPLICANT: CHEN, Wensheng
7 TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
8 FILE REFERENCE: PBO105
9 CURRENT APPLICATION NUMBER: US/10/723,361
10 CURRENT FILING DATE: 2003-11-26
11 PRIOR APPLICATION NUMBER: US 09/866,108
12 PRIOR FILING DATE: 2001-05-25
13 PRIOR APPLICATION NUMBER: US 60/207,456
14 PRIOR FILING DATE: 2000-05-26
15 PRIOR APPLICATION NUMBER: GB 24263.6
16 PRIOR FILING DATE: 2000-10-04
17 PRIOR APPLICATION NUMBER: US 60/236,359
18 PRIOR FILING DATE: 2000-09-27
19 PRIOR APPLICATION NUMBER: PCT/US01/00666
20 PRIOR FILING DATE: 2001-01-30
21 PRIOR APPLICATION NUMBER: PCT/US01/00667
22 PRIOR FILING DATE: 2001-01-30
23 PRIOR APPLICATION NUMBER: PCT/US01/00664
24 PRIOR FILING DATE: 2001-01-30
25 PRIOR APPLICATION NUMBER: PCT/US01/00669
26 PRIOR FILING DATE: 2001-01-30
27 PRIOR APPLICATION NUMBER: PCT/US01/00665
28 PRIOR FILING DATE: 2001-01-30
29 PRIOR APPLICATION NUMBER: PCT/US01/00668
30 PRIOR FILING DATE: 2001-01-30
31 Remaining Prior Application data removed - See File Wrapper or PALM.
32 NUMBER OF SEQ ID NOS: 15755
33 SOFTWARE: Aecomica Sequence Listing Engine
34 SEQ ID NO 8775
35 LENGTH: 17
36 TYPE: DNA
37 ORGANISM: Homo sapiens
38 US-10-723-361-8775
39
40 Query Match 4.8%; Score 12; DB 1; Length 17;
41 Best Local Similarity 100.0%; Pred. No. 3.6e+02;
42 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
43
44 QY 1304 GGTGCTCTGTGA 1315
45 |||||
46 |||||
47 Db 5 GGTGCTCTGTGA 16
48
49 RESULT 557
50 US-10-723-361-9226
51 Sequence 9226, Application US/10723361
52 Publication No. US20040137589A1
53 GENERAL INFORMATION:
54 APPLICANT: GU, Yizhong
55 APPLICANT: JI, Yizhong
56 APPLICANT: PENN, Sharon G.
57 APPLICANT: HANZEL, David K.
58 APPLICANT: RANK, David R.
59 APPLICANT: CHEN, Wensheng
60 APPLICANT: SHANNON, Mark
61 TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
62 FILE REFERENCE: PBO105
63 CURRENT APPLICATION NUMBER: US/10/723,361
64 CURRENT FILING DATE: 2003-11-26
65 PRIOR APPLICATION NUMBER: US 09/866,108
66 PRIOR FILING DATE: 2001-05-25
67 PRIOR APPLICATION NUMBER: US 60/207,456
68 PRIOR FILING DATE: 2000-05-26
69 PRIOR APPLICATION NUMBER: GB 24263.6
70 PRIOR FILING DATE: 2000-10-04
71 PRIOR APPLICATION NUMBER: US 60/236,359
72 PRIOR FILING DATE: 2000-09-27

```

```

Oy      1304  GGTCATCTGTGA 1315
      |||||
Db      5  GGTCATCTGTGA 16

RESULT 557
US-10-723-361-9226
; Sequence 9226, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHER, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AND
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27

```

```

; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmca Sequence Listing Engine
; SEQ ID NO 9226
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-9226

Query Match          4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1203 CAGAGGGCAGCC 1214
        |||||
Db       6 CAGAGGGCAGCC 17
```

## RESULT 558

```

US-10-723-361-9227
; Sequence 9227, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmca Sequence Listing Engine
; SEQ ID NO 9227
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
```

```
US-10-723-361-9227
```

```

Query Match          4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1203 CAGAGGGCAGCC 1214
        |||||
Db       5 CAGAGGGCAGCC 16
```

## RESULT 559

```

US-10-723-361-9228
; Sequence 9228, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART ANI
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmca Sequence Listing Engine
; SEQ ID NO 9228
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-9228

Query Match          4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1203 CAGAGGGCAGCC 1214
        |||||
Db       4 CAGAGGGCAGCC 15
```

## RESULT 560

```

US-10-723-361-9229
; Sequence 9229, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
```

```
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ PRIOR FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining prior Application data removed - See file wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmica Sequence Listing Engine
/ SEQ ID NO 9229
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-723-361-9229
```

```
Query Match
Best Local Similarity 100.0%; Score 12; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY 1203 CAGAGGGCAGCC 1214
```

```
DB 3 CAGAGGGCAGCC 14
```

```
RESULT 561
US-10-723-361-9230
/ Sequence 9230, Application US/10723361
/ Publication No. US20040137589A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ PRIOR FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ Remaining prior Application data removed - See file wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmica Sequence Listing Engine
/ SEQ ID NO 10730
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-723-361-10730
```

```
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining prior Application data removed - See file wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmica Sequence Listing Engine
/ SEQ ID NO 9230
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-723-361-9230

Query Match
Best Local Similarity 100.0%; Score 12; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY 1203 CAGAGGGCAGCC 1214
DB 2 CAGAGGGCAGCC 13
```

```
RESULT 562
US-10-723-361-10730
```

```
/ Sequence 10730, Application US/10723361
/ Publication No. US20040137589A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ PRIOR FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining prior Application data removed - See file wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmica Sequence Listing Engine
/ SEQ ID NO 10730
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-723-361-10730
```

Best Local Similarity 100.0%; Pred. No. 3.6e+02; Indels 0; Gaps 0;  
Matches 12; Conservative 0; Mismatches 0;

QY 1182 CTGGGCTCCGAG 1193  
Db 6 CTGGGCTCCGAG 17

## RESULT 563

US-10-723-361-10731  
Sequence 10731, Application US/10723361  
Publication No. US20040137589A1

GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN  
FILE REFERENCE: PB0105  
CURRENT APPLICATION NUMBER: US/10/723,361  
CURRENT FILING DATE: 2003-11-26  
PRIOR APPLICATION NUMBER: US 09/866,108  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecmca Sequence Listing Engine  
SEQ ID NO 10731  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-723-361-10731

Query Match 4.8%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 3.6e+02; Indels 0; Gaps 0;  
Matches 12; Conservative 0; Mismatches 0;

QY 1182 CTGGGCTCCGAG 1193  
Db 5 CTGGGCTCCGAG 16

## RESULT 564

US-10-723-361-10732  
Sequence 10732, Application US/10723361  
Publication No. US20040137589A1

GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART ANT  
FILE REFERENCE: PB0105  
CURRENT APPLICATION NUMBER: US/10/723,361  
CURRENT FILING DATE: 2003-11-26  
PRIOR APPLICATION NUMBER: US 09/866,108  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecmca Sequence Listing Engine  
SEQ ID NO 10732  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-723-361-10732

Query Match 4.8%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 3.6e+02; Indels 0; Gaps 0;  
Matches 12; Conservative 0; Mismatches 0;

QY 1182 CTGGGCTCCGAG 1193  
Db 4 CTGGGCTCCGAG 15

## RESULT 565

US-10-723-361-10733  
Sequence 10733, Application US/10723361  
Publication No. US20040137589A1

GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART ANT  
FILE REFERENCE: PB0105  
CURRENT APPLICATION NUMBER: US/10/723,361  
CURRENT FILING DATE: 2003-11-26  
PRIOR APPLICATION NUMBER: US 09/866,108  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30

```

; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmca Sequence Listing Engine
; SEQ ID NO 10733
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-10733

Query Match
Best Local Similarity 100.0%; Score 12; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1182 CTGGGCTCCGAG 1193
Db 3 CTGGGCTCCGAG 14

RESULT 566
US-10-723-361-10734
; Sequence 10734, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmca Sequence Listing Engine
; SEQ ID NO 10734
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-10734

Query Match
Best Local Similarity 100.0%; Score 12; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY 1182 CTGGGCTCCGAG 1193
Db 2 CTGGGCTCCGAG 13

RESULT 567
US-10-723-361-10735
; Sequence 10735, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmca Sequence Listing Engine
; SEQ ID NO 10735
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-10735

Query Match
Best Local Similarity 100.0%; Score 12; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1182 CTGGGCTCCGAG 1193
Db 1 CTGGGCTCCGAG 12

RESULT 568
US-09-993-731-82/C
; Sequence 82, Application US/09993731
; Publication No. US20030105040A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION
; FILE REFERENCE: RTS-0302
; CURRENT APPLICATION NUMBER: US/09/993,731
; CURRENT FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 82
; LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-993-731-82
```

```
Query Match 4.8%; Score 12; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1359 GCAGCTGAGCT 1370
Db 19 GCAGCTGAGCT 8
```

```
RESULT 569
US-09-504-231A-1009/c
; Sequence 1009, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: TPI 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1009
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1009
```

```
Query Match 4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1412 GGGTGTGAGCGGC 1426
Db 15 GGGTGTGAGCGGC 1
```

```
RESULT 570
US-09-504-231A-1127/c
; Sequence 1127, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: TPI 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
```

```
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1127
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1127
```

```
Query Match 4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1216 TCTGTGAACTCC 1230
Db 15 TCTGTGAACTCC 1
```

```
RESULT 571
US-09-504-231A-1252
; Sequence 1252, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: TPI 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1252
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1252
```

```
Query Match 4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.8e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1261 AACAGCTGGAAGG 1275
Db 1 AACAGCTGGAAGG 15
```

```
RESULT 572
US-09-813-289-13
; Sequence 13, Application US/09813289
; Patent No. US20020061571A1
; GENERAL INFORMATION:
```



```

; APPLICANT: Mahadevan, M.S.
; APPLICANT: Tiscornia, G
; TITLE OF INVENTION: No. US20020061571A1el isoform of myotonic dystrophy associated pr
; TITLE OF INVENTION: theoeef
; FILE REFERENCE: 800.027051
; CURRENT APPLICATION NUMBER: US/09/813,289
; CURRENT FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: US 60/190,590
; PRIOR FILING DATE: 2000-03-20
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-813-289-13

Query Match      4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1254 CTCGACGACGCTG 1268
Db      1 CTGCTGACGACGCTG 15

RESULT 573
US-09-274-553D-1009/c
; Sequence 1009, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwigen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: TPI 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1998-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 1009
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1009

Query Match      4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1412 GGGTGGTGGAGCGGC 1426
Db      15 GGGTGGTGGAGCGGC 1

RESULT 574
US-09-274-553D-1127/c
; Sequence 1127, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwigen, James
```

```

; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: TPI 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1998-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 1252
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1252

Query Match      4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.8e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      1261 AACAGCTGGAAGG 1275
Db      1 AACAGCTGGAAGG 15

RESULT 575
US-09-274-553D-1252
; Sequence 1252, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwigen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: TPI 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1998-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 1252
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1252

Query Match      4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.8e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      1261 AACAGCTGGAAGG 1275
Db      1 AACAGCTGGAAGG 15
```

```
RESULT 576
US-09-825-805-164
; Sequence 164, Application US/09825805
; Publication No. US2003004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelsky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MEH800-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 164
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-164

Query Match          4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 2.8e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy      1393 CTGAGCTGCTGCAGCA 1407
Db      1 CUCGCGCUCGCGAGCA 15

RESULT 577
US-09-765-061B-21/C
; Sequence 21, Application US/09765061B
; Publication No. US20030022165A1
; GENERAL INFORMATION:
; APPLICANT: Board of Regents of the University of Texas System
; TITLE OF INVENTION: Mutations in a No. US20030022165A1el Photoreceptor-pineal gene 17
; FILE REFERENCE: 96606/16UTL
; CURRENT APPLICATION NUMBER: US/09/765,061B
; CURRENT FILING DATE: 2001-01-17
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: mutation
; LOCATION: (7)..(9)
; OTHER INFORMATION: Amino Acid codon mutation: Cys 239 Arg
US-09-765-061B-21

Query Match          4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      1230 CAGCATGTGCTGCAGCA 1244
Db      15 CAGCAGCGCGTGCAGCA 1

RESULT 578
US-09-880-313A-5
; Sequence 5, Application US/09880313A
; Publication No. US20030044791A1
; GENERAL INFORMATION:
; APPLICANT: Flemington, Erik K
; TITLE OF INVENTION: Adaptors and Methods of Use
; FILE REFERENCE: 9397/1000
; CURRENT APPLICATION NUMBER: US/09/880,313A
; CURRENT FILING DATE: 2001-06-13
; NUMBER OF SEQ ID NOS: 276
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-880-313A-5

Query Match          4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1247 GGTCCGCGCTGCAGCA 1261
Db      1 GATCCGCGCTGCAGCA 15

RESULT 579
US-09-880-313A-247
; Sequence 247, Application US/09880313A
; Publication No. US20030044791A1
; GENERAL INFORMATION:
; APPLICANT: Flemington, Erik K
; TITLE OF INVENTION: Adaptors and Methods of Use
; FILE REFERENCE: 9397/1000
; CURRENT APPLICATION NUMBER: US/09/880,313A
; CURRENT FILING DATE: 2001-06-13
; NUMBER OF SEQ ID NOS: 276
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 247
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-880-313A-247

Query Match          4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1247 GGTCCGCGCTGCAGCA 1261
Db      1 GATCCGCGCTGCAGCA 15

RESULT 580
US-09-740-332-4784/C
; Sequence 4784, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: RPI 400/003
```

US-09-740-332-4784

CURRENT APPLICATION NUMBER: US/09/740,332  
CURRENT FILING DATE: 2001-03-26  
NUMBER OF SEQ ID NOS: 9704  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 4784  
LENGTH: 15  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION:  
OTHER INFORMATION: oligonucleotide substrate

Query Match 4.7%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.8e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1265 GCTGGAAGAGGCTGA 1279  
DB 15 GCTGGAAGAGGCTGA 1

RESULT 581  
US-09-817-879-4784/C  
Sequence 4784, Application US/09817879  
Publication No. US20030171311A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection  
FILE REFERENCE: MH800-801-P  
CURRENT APPLICATION NUMBER: US/09/817,879  
CURRENT FILING DATE: 2001-03-26  
NUMBER OF SEQ ID NOS: 9703  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 4784  
LENGTH: 15  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION:  
OTHER INFORMATION: oligonucleotide substrate

US-09-817-879-4784

Query Match 4.7%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.8e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1265 GCTGGAAGAGGCTGA 1279  
DB 15 GCTGGAAGAGGCTGA 1

RESULT 582  
US-10-056-414-23  
Sequence 23, Application US/10056414  
Publication No. US20030003469A1  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
Draper, Kenneth G.  
McSwiggen, James  
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF NF-KB  
NUMBER OF SEQUENCES: 830  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
Suite 4700  
CITY: Los Angeles

STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/056,414  
FILING DATE: 23-Jan-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/291,932A  
FILING DATE: August 15, 1994  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Waidburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/157  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 23:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 23:  
US-10-056-414-23

Query Match 4.7%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 2.8e+02;  
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

OY 1412 GCGTCTGAGCGGCGC 1426  
DB 1 GCGCGCUCAGCGGCGC 15

RESULT 583  
US-10-056-414-40/C  
Sequence 40, Application US/10056414  
Publication No. US20030003469A1  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
Draper, Kenneth G.  
McSwiggen, James  
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF NF-KB  
NUMBER OF SEQUENCES: 830  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/056,414
; FILING DATE: 23-Jan-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 40:
US-10-056-414-40

```

```

Query Match 4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 1198 CTGTGCAGAGGGCAG 1212
DB 15 CTGGCGAGAGGTCAG 1

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RESULT 584
US-10-056-414-192/c
; Sequence 192, Application US/10056414
; Publication No. US2003003469A1
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; Draper, Kenneth G.
; McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; DISEASES OR CONDITIONS
; RELATED TO LEVELS OF
; NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; STORAGE
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/056,414
; FILING DATE: 23-Jan-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994

```

```

; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 192:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 192:
US-10-056-414-192

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```

Query Match 4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 1198 CTGTGCAGAGGGCAG 1212
DB 15 CTGGCGAGAGGTCAG 1

```

```

RESULT 585
US-10-215-432-12/c
; Sequence 12, Application US/10215432
; Publication No. US20030109476A1
; GENERAL INFORMATION:
; APPLICANT: Eric B. Kmiec
; APPLICANT: Hetal Parekh-Olimedo
; TITLE OF INVENTION: Composition and methods for the
; FILE REFERENCE: Napro-10
; CURRENT APPLICATION NUMBER: US/10/215,432
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: (1)...(4)
; OTHER INFORMATION: phosphorothioate linkage
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: (12)...(15)
; OTHER INFORMATION: phosphorothioate linkage
; FEATURE:
; OTHER INFORMATION: Single-stranded oligonucleotide
US-10-215-432-12

```

```

Query Match 4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 1260 CAACAGCTGGAAGAG 1274
DB 15 CAACAGCTGCAACAG 1

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RESULT 586
US-10-440-850-822
; Sequence 822, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

```

```

; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: Meswigen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
; FILE REFERENCE: 250/130 (MBH800-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 822
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-440-850-822

Query Match          4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      1243 CAGTGTCCGCTGC 1257
Db      1 CAGTGTCCGCTGC 15

RESULT 587
US-10-418-182-198/c
; Sequence 198, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551,2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 198
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-198

Query Match          4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1256 GCAGCAGAGCTGCA 1270
Db      15 GCAGCAGAGCTGCA 1

RESULT 588
US-10-395-031-4/c
; Sequence 4, Application US/10395031
; Publication No. US20030235845A1
; GENERAL INFORMATION:
; APPLICANT: van Ommen, Gerrit-Jan Boudewijn
; APPLICANT: van Deutekom, Judith Christina Theodora
; APPLICANT: den Dunnen, Johannes Theodorus
; TITLE OF INVENTION: INDUCTION OF EXON SKIPPING IN EUKARYOTIC CELLS
```

```

; FILE REFERENCE: 2183-5910US (REN/P54258US10)
; CURRENT APPLICATION NUMBER: US/10/395,031
; CURRENT FILING DATE: 2003-03-21
; PRIOR APPLICATION NUMBER: PCT/NL01/00697
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: EP 002063283.7
; PRIOR FILING DATE: 2000-09-21
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Mouse
US-10-395-031-4

Query Match          4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1265 GCTGAAGAGCTGCA 1279
Db      15 GCTGAAGAGCTGCA 1

RESULT 589
US-10-255-120-36/c
; Sequence 36, Application US/10255120
; Publication No. US20040091865A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255,120
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 903
; SOFTWARE: Proprietary
; SEQ ID NO 36
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Helicobacter pylori, strain J99 complete genome.
; FEATURE:
; LOCATION: (63349)...(63363)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 61
US-10-255-120-36

Query Match          4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1303 TGCTCATCTGTGAC 1317
Db      15 TGCTCATCTGTGAC 1

RESULT 590
US-10-255-120-151/c
; Sequence 151, Application US/10255120
; Publication No. US20040091865A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255,120
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 903
; SOFTWARE: Proprietary
; SEQ ID NO 151
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Helicobacter pylori, strain J99 complete genome.
; FEATURE:
; LOCATION: (259538)...(259552)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 233
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US-10-255-120-151

Query Match 4.7%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.8e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1303 TGGTCATCTGTGAGC 1317  
|||||  
Db 15 TGGTAATCTTTGAGC 1

RESULT 591

US-10-669-841-7381/c  
; Sequence 7381, Application US/10669841  
; Publication No. US20040127446A1  
; GENERAL INFORMATION:  
; APPLICANT: Sitma Therapeutics, Inc.  
; APPLICANT: Lawrence, Blatt  
; APPLICANT: Dennis, Macejak  
; APPLICANT: James, McSwiggen  
; APPLICANT: David, Morrissey  
; APPLICANT: Pamela, Pavco  
; APPLICANT: Patricia, Lee  
; APPLICANT: Kenneth, Draper  
; APPLICANT: Elisabeth, Roberts  
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPD  
; FILE REFERENCE: 400/042US (MHHB02-249-E)  
; CURRENT FILING DATE: 2003-09-23  
; PRIOR APPLICATION NUMBER: US/10/669,841  
; PRIOR FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: PCT/US02/09187  
; PRIOR FILING DATE: 2001-06-08  
; PRIOR APPLICATION NUMBER: US 60/296,876  
; PRIOR FILING DATE: 2001-06-08  
; PRIOR APPLICATION NUMBER: US 60/335,059  
; PRIOR FILING DATE: 2001-10-24  
; PRIOR APPLICATION NUMBER: US 60/337,055  
; PRIOR FILING DATE: 2001-12-05  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 09/817,879  
; PRIOR FILING DATE: 2001-03-26  
; PRIOR APPLICATION NUMBER: US 09/740,332  
; PRIOR FILING DATE: 2000-12-18  
; PRIOR APPLICATION NUMBER: US 09/611,931  
; PRIOR FILING DATE: 2000-07-07  
; PRIOR APPLICATION NUMBER: US 09/504,321  
; PRIOR FILING DATE: 2000-02-15  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 16207  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 7381  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-10-669-841-7381

Query Match 4.7%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.8e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1265 GCTGAGAGAGCTGA 1279  
|||||  
Db 15 GCTGAGAGAGCTGA 1

RESULT 592

US-09-898-570-50  
; Sequence 50, Application US/09898570  
; Patent No. US20020123612A1  
; GENERAL INFORMATION:  
; APPLICANT: GERLACH, VALERIE L.  
; APPLICANT: ELLERMAN, KAREN  
; APPLICANT: MACDOUGALL, JOHN R.  
; APPLICANT: SMITHSON, GLENDA  
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND  
; FILE REFERENCE: 15966-776CIP  
; CURRENT APPLICATION NUMBER: US/09/898,570  
; CURRENT FILING DATE: 2001-07-03  
; PRIOR APPLICATION NUMBER: 60/198,293  
; PRIOR FILING DATE: 2000-04-19  
; PRIOR APPLICATION NUMBER: 60/198,645  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: 60/210,809  
; PRIOR FILING DATE: 2000-06-09  
; PRIOR APPLICATION NUMBER: 60/199,476  
; PRIOR FILING DATE: 2000-04-26  
; PRIOR APPLICATION NUMBER: 60/200,025  
; PRIOR FILING DATE: 2000-04-26  
; PRIOR APPLICATION NUMBER: 60/224,610  
; PRIOR FILING DATE: 2000-08-11  
; PRIOR APPLICATION NUMBER: 60/200,024  
; PRIOR FILING DATE: 2000-04-26  
; PRIOR APPLICATION NUMBER: 60/199,880  
; PRIOR FILING DATE: 2000-04-26  
; PRIOR APPLICATION NUMBER: 60/218,591  
; PRIOR FILING DATE: 2000-07-17  
; PRIOR APPLICATION NUMBER: 60/271,814  
; PRIOR FILING DATE: 2001-02-27  
; PRIOR APPLICATION NUMBER: 60/215,855  
; PRIOR FILING DATE: 2000-07-03  
; PRIOR APPLICATION NUMBER: 09/839,446  
; PRIOR FILING DATE: 2001-04-19  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 50  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Probe  
US-09-898-570-50

Query Match 4.7%; Score 11.8; DB 1; Length 16;  
Best Local Similarity 86.7%; Pred. No. 3.4e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1199 TGTGAGAGGGGAGC 1213  
|||||  
Db 1 TGTGCCGAGGGCAAC 15

RESULT 593  
US-09-778-013-47  
; Sequence 47, Application US/09778013  
; Publication No. US20030104371A1  
; GENERAL INFORMATION:  
; APPLICANT: Strom, Terry B.  
; APPLICANT: Suchanathan, Manikkam  
; APPLICANT: Vasconcelos, Lauro  
; TITLE OF INVENTION: METHOD OF EVALUATING TRANSPLANT REJECTION  
; FILE REFERENCE: 01948-061001  
; CURRENT APPLICATION NUMBER: US/09/778,013  
; CURRENT FILING DATE: 2003-01-21  
; PRIOR APPLICATION NUMBER: US 60/199,327  
; PRIOR FILING DATE: 2000-04-24  
; PRIOR APPLICATION NUMBER: US 60/240,735

;; PRIOR FILING DATE: 2000-10-16  
;; PRIOR APPLICATION NUMBER: US 60/240,735  
;; PRIOR FILING DATE: 2000-10-12  
;; PRIOR APPLICATION NUMBER: US 60/238,718  
;; PRIOR FILING DATE: 2000-10-06  
;; PRIOR APPLICATION NUMBER: US 08/937,063  
;; PRIOR FILING DATE: 1997-09-24  
;; NUMBER OF SEQ ID NOS: 57  
;; SOFTWARE: FastSeq for Windows Version 4.0  
;; SEQ ID NO 47  
;; LENGTH: 16  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Internal sense primer  
US-09-778-013-47

Query Match 4.7%; Score 11.8; DB 1; Length 16;  
Best Local Similarity 86.7%; Pred. No. 3.4e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1345 GAGACTTCCACGG 1359  
Db 1 GAGACTTCCACGG 15

RESULT 594  
US-09-740-332-9646/c  
; Sequence 9646, Application US/09740332  
; Publication No. US20030125270A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related  
; FILE REFERENCE: RPI 400/003  
; CURRENT APPLICATION NUMBER: US/09/740,332  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9704  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 9646  
; LENGTH: 16  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (16)..(16)  
; OTHER INFORMATION: n is inverted deoxyabasic  
US-09-740-332-9646

Query Match 4.7%; Score 11.8; DB 1; Length 16;  
Best Local Similarity 86.7%; Pred. No. 3.4e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1265 GCTGGAAGAGCTGA 1279  
Db 15 GCTGGAAGAGCTGA 1

RESULT 595  
US-09-817-879-9646/c  
; Sequence 9646, Application US/09817879  
; Publication No. US2003017311A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related  
; FILE REFERENCE: MBH00-801-F  
; CURRENT APPLICATION NUMBER: US/09/817,879  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9703  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 9646  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence

;; TYPE: RNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; NAME/KEY: misc\_feature  
;; LOCATION: (16)..(16)  
;; OTHER INFORMATION: n is inverted deoxyabasic  
US-09-817-879-9646

Query Match 4.7%; Score 11.8; DB 1; Length 16;  
Best Local Similarity 86.7%; Pred. No. 3.4e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1265 GCTGGAAGAGCTGA 1279  
Db 15 GCTGGAAGAGCTGA 1

RESULT 596  
US-09-930-512-110  
; Sequence 110, Application US/09930512  
; Publication No. US20040010118A1  
; GENERAL INFORMATION:  
; APPLICANT: Zexhusen, Bryan D  
; APPLICANT: Padigaru, Muralidhara  
; APPLICANT: Spytek, Kimberly  
; APPLICANT: Spaderna, Steven  
; APPLICANT: Gangolli, Esha A  
; APPLICANT: Rastelli, Luca  
; APPLICANT: Burgess, Catherine E  
; APPLICANT: Majumder, Kumud  
; APPLICANT: Shinkets, Richard  
; APPLICANT: Mishra, Vishnu  
; APPLICANT: Vernet, Corine  
; APPLICANT: Stekerez, Edward S  
; APPLICANT: Grosse, William M  
; APPLICANT: Alsobrook II, John P  
; APPLICANT: Liu, Xiaohong  
; APPLICANT: Gerlach, Valerie L  
; APPLICANT: Ellerman, Karen  
; APPLICANT: Smtinson, Glenda  
; APPLICANT: Peyman, John  
; APPLICANT: Stone, David  
; APPLICANT: MacDougall, John  
; TITLE OF INVENTION: No. US20040010118A1 Proteins and Nucleic Acids Encoding Same  
; FILE REFERENCE: 21402-091  
; CURRENT APPLICATION NUMBER: US/09/930,512  
; CURRENT FILING DATE: 2001-08-15  
; PRIOR APPLICATION NUMBER: 60/225,692  
; PRIOR FILING DATE: 2000-08-16  
; PRIOR APPLICATION NUMBER: 60/225,837  
; PRIOR FILING DATE: 2000-08-16  
; PRIOR APPLICATION NUMBER: 60/225,693  
; PRIOR FILING DATE: 2000-08-16  
; PRIOR APPLICATION NUMBER: 60/226,236  
; PRIOR FILING DATE: 2000-08-18  
; PRIOR APPLICATION NUMBER: 60/226,353  
; PRIOR FILING DATE: 2000-08-18  
; PRIOR APPLICATION NUMBER: 60/227,085  
; PRIOR FILING DATE: 2000-08-22  
; PRIOR APPLICATION NUMBER: 60/227,395  
; PRIOR FILING DATE: 2000-08-23  
; PRIOR APPLICATION NUMBER: 60/227,492  
; PRIOR FILING DATE: 2000-08-24  
; PRIOR APPLICATION NUMBER: 60/227,600  
; PRIOR FILING DATE: 2000-08-24  
; PRIOR APPLICATION NUMBER: 60/275,952  
; PRIOR FILING DATE: 2001-03-14  
; NUMBER OF SEQ ID NOS: 115  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 110  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence

FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Ag192 PCR  
OTHER INFORMATION: Primer Sequence  
US-09-930-512-110

Query Match 4.7%; Score 11.8; DB 1; Length 16;  
Best Local Similarity 86.7%; Pred. No. 3.4e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1199 TGTGCGAGGGGCGAC 1213  
Db 1 TGTGCGAGGGGCGAC 15

RESULT 597  
US-10-056-414-815/c  
Sequence 815, Application US/10056414  
Publication No. US2003000468A1  
GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.  
Draper, Kenneth G.  
McSwigen, James

TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
RELATED TO LEVELS OF  
NF-KB

NUMBER OF SEQUENCES: 830  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 613 West Fifth Street  
Suite 4700

CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
Storage

COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/056,414  
FILING DATE: 23-Jan-2002  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/291,932A

FILING DATE: August 15, 1994  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994

APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Walburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/157

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 815:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 815:

US-10-056-414-815

Query Match 4.7%; Score 11.8; DB 1; Length 16;  
Best Local Similarity 86.7%; Pred. No. 3.4e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1200 GTGCAGAGGGCGACCC 1214  
Db 16 GGCGAGAGGTGACGCC 2

RESULT 598  
US-10-297-068-403/c  
Sequence 403, Application US/10297068  
Publication No. US2003022858A1  
GENERAL INFORMATION:

APPLICANT: INOKO, Hidetoshi

APPLICANT: KAGIYA, Taeko

APPLICANT: ICHIHARA, Tatsuo

APPLICANT: Matsumura, Yoshiyuki

APPLICANT: MORIYA, Shogo

APPLICANT: NISHIDA, Michio

TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES

FILE REFERENCE: 13140P1174

CURRENT APPLICATION NUMBER: US/10/297,068

CURRENT FILING DATE: 2002-11-27

PRIOR APPLICATION NUMBER: JP 2000-164798

PRIOR FILING DATE: 2000-06-01

NUMBER OF SEQ ID NOS: 1298

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 403

LENGTH: 16

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer

US-10-297-068-403

Query Match 4.7%; Score 11.8; DB 1; Length 16;  
Best Local Similarity 86.7%; Pred. No. 3.4e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1403 GGACGAGCCGGGTGC 1417  
Db 15 GGACGAGCGGGGTGC 1

RESULT 599  
US-10-138-674-5669

Sequence 5669, Application US/10138674

Publication No. US2004007565A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwigen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

FILE REFERENCE: MHB00-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/138,674

CURRENT FILING DATE: 2002-05-03

NUMBER OF SEQ ID NOS: 20822

SOFTWARE: PatentIn version 3.0

SEQ ID NO 5669

LENGTH: 16

TYPE: RNA

ORGANISM: Homo sapiens

US-10-138-674-5669

Query Match 4.7%; Score 11.8; DB 1; Length 16;  
Best Local Similarity 73.3%; Pred. No. 3.4e+02;  
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1331 CTTCTCAGGCGAGG 1345  
Db 1 CAUUCUCAUUGCAGG 15



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RESULT 600
US-10-138-674-7077
; Sequence 7077, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7077
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-7077

Query Match          4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 60.0%; Pred. No. 3.4e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY      1376 GAAGCAGCTGCGTTT 1390
Db      2 GAAGCAGAGCCUUU 16

RESULT 601
US-10-138-674-7112/c
; Sequence 7112, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7112
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-7112

Query Match          4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1228 TCCAGCATGCTGCG 1242
Db      16 TCCAGCATGCTGCG 2

RESULT 602
US-10-287-949A-5669
; Sequence 5669, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
```

```
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5669
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-5669

Query Match          4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 73.3%; Pred. No. 3.4e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      1331 CTCTCCAGACGACG 1345
Db      1 CAUCCCAAGCAGG 15

RESULT 603
US-10-287-949A-7077
; Sequence 7077, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7077
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-7077

Query Match          4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 60.0%; Pred. No. 3.4e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY      1376 GAAGCAGCTGCGTTT 1390
Db      2 GAAGCAGAGCCUUU 16

RESULT 604
US-10-287-949A-7112/c
; Sequence 7112, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7112
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; LENGTH: 16  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-287-949A-7112

Query Match 4.7%; Score 11.8; DB 1; Length 16;  
Best Local Similarity 86.7%; Pred. No. 3.4e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1228 TCCAGCATGCTGG 1242  
Db 16 TCCAGCATGCTGG 2

RESULT 605  
US-10-669-841-7397/c  
; Sequence 7397, Application US/10669841  
; Publication No. US2004012446A1  
; GENERAL INFORMATION:  
; APPLICANT: Sirta Therapeutics, Inc.  
; APPLICANT: Lawrence, Blact  
; APPLICANT: Dennis, Macejak  
; APPLICANT: James, McSwiggen  
; APPLICANT: David, Morrissey  
; APPLICANT: Pamela, Pavco  
; APPLICANT: Patrice, Lee  
; APPLICANT: Kenneth, Draper  
; APPLICANT: Elisabeth, Roberts  
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP  
; TITLE OF INVENTION: VIRUS REPLICATION  
; FILE REFERENCE: 400/0420S (MBH02-245-E)  
; CURRENT APPLICATION NUMBER: US/10/669,841  
; CURRENT FILING DATE: 2003-09-23  
; PRIOR APPLICATION NUMBER: PCT/US02/09187  
; PRIOR FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: US 60/296,876  
; PRIOR FILING DATE: 2001-06-08  
; PRIOR APPLICATION NUMBER: US 60/335,059  
; PRIOR FILING DATE: 2001-10-24  
; PRIOR APPLICATION NUMBER: US 60/337,055  
; PRIOR FILING DATE: 2001-12-05  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 09/817,879  
; PRIOR FILING DATE: 2001-03-26  
; PRIOR APPLICATION NUMBER: US 09/740,332  
; PRIOR FILING DATE: 2000-12-18  
; PRIOR APPLICATION NUMBER: US 09/611,931  
; PRIOR FILING DATE: 2000-07-07  
; PRIOR APPLICATION NUMBER: US 09/504,321  
; PRIOR FILING DATE: 2000-02-15  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 16207  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 7397  
; LENGTH: 16  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
; NAME/KEY: misc feature  
; LOCATION: (16)..(16)  
; OTHER INFORMATION: n is inverted deoxyabasic  
US-10-669-841-7397

Query Match 4.7%; Score 11.8; DB 1; Length 16;  
Best Local Similarity 86.7%; Pred. No. 3.4e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1265 GCTGGAAGAGCTGA 1279

Db 15 GCTGGAAGAGACTGA 1

RESULT 606  
US-10-793-677-27/c  
; Sequence 27, Application US/10793677  
; Publication No. US2004021432A1  
; GENERAL INFORMATION:  
; APPLICANT: Ajinomoto, Co., Inc.  
; TITLE OF INVENTION: Inducing agent for converting intestinal cells  
; TITLE OF INVENTION: to insulin-producing cells and antidiabetic drug  
; FILE REFERENCE: OP1743  
; CURRENT APPLICATION NUMBER: US/10/793,677  
; CURRENT FILING DATE: 2004-03-05  
; PRIOR APPLICATION NUMBER: JP 2003-61836  
; PRIOR FILING DATE: 2003-03-07  
; PRIOR APPLICATION NUMBER: JP 2003-358111  
; PRIOR FILING DATE: 2003-10-17  
; NUMBER OF SEQ ID NOS: 28  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 27  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer for preproinsulin II  
US-10-793-677-27

Query Match 4.7%; Score 11.8; DB 1; Length 16;  
Best Local Similarity 86.7%; Pred. No. 3.4e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1182 CTGGCTCCAGAG 1196  
Db 16 CGGGCTCCAGAG 2

RESULT 607  
US-10-604-944-63  
; Sequence 63, Application US/10604944  
; Publication No. US20040219515A1  
; GENERAL INFORMATION:  
; APPLICANT: ROSETTA GENOMICS LTD  
; TITLE OF INVENTION: BIOINFORMATICALY DETECTABLE GROUP OF NOVEL HIV REGULATORY GENES  
; TITLE OF INVENTION: AND USES THEREOF  
; FILE REFERENCE: 55008  
; CURRENT APPLICATION NUMBER: US/10/604,944  
; CURRENT FILING DATE: 2003-08-28  
; NUMBER OF SEQ ID NOS: 406  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 63  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Human immunodeficiency virus 1  
US-10-604-944-63

Query Match 4.7%; Score 11.8; DB 1; Length 16;  
Best Local Similarity 86.7%; Pred. No. 3.4e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1356 AGGCAGCTGAGCT 1370  
Db 1 AGGTAAGCTGAGCT 15

RESULT 608  
US-09-993-731-53  
; Sequence 53, Application US/09993731  
; Publication No. US20030105040A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Brett T. Watt

;; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION  
;; FILE REFERENCE: RTS-0302  
;; CURRENT APPLICATION NUMBER: US/09/993,731  
;; CURRENT FILING DATE: 2001-11-13  
;; NUMBER OF SEQ ID NOS: 89  
;; SEQ ID NO 53  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-993-731-53

Query Match 4.5%; Score 11.6; DB 1; Length 20;  
Best Local Similarity 7.8%; Pred. No. 5.9e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1229 CCAGCATGCTGCTGCACT 1246  
Db 1 CCAGCATGCTGCTGCACT 18

RESULT 609  
US-09-504-231A-1130/C  
; Sequence 1130, Application US/09504231A  
; Patent No. US20020013458A1  
; GENERAL INFORMATION:  
; APPLICANT: Blact, Lawrence  
; APPLICANT: MCSwigen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE  
; FILE REFERENCE: HEPATITIS C VIRUS INFECTION  
; FILE REFERENCE: IP1 247/282  
; CURRENT APPLICATION NUMBER: US/09/504,231A  
; CURRENT FILING DATE: 2000-02-15  
; PRIOR APPLICATION NUMBER: 09/274,553  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3242  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1130  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-504-231A-1130

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 9.23%; Pred. No. 3.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1337 CAAGCAGAGAGAC 1349  
Db 15 CAAGCAGAGAGAC 3

RESULT 610  
US-09-274-553D-1130/C  
; Sequence 1130, Application US/09274553D  
; Patent No. US2002008225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blact, Lawrence  
; APPLICANT: MCSwigen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela

;; APPLICANT: Macejak, Dennis  
;; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE  
;; FILE REFERENCE: HEPATITIS C VIRUS INFECTION  
;; FILE REFERENCE: IP1 247/282  
;; CURRENT APPLICATION NUMBER: US/09/274,553D  
;; CURRENT FILING DATE: 1999-03-23  
;; PRIOR APPLICATION NUMBER: 09/257,608  
;; PRIOR FILING DATE: 1999-02-24  
;; PRIOR APPLICATION NUMBER: 60/100,842  
;; PRIOR FILING DATE: 1998-09-18  
;; PRIOR APPLICATION NUMBER: 60/083,217  
;; PRIOR FILING DATE: 1998-04-27  
;; NUMBER OF SEQ ID NOS: 3148  
;; SOFTWARE: PatentIn version 3.0  
;; SEQ ID NO 1130  
;; LENGTH: 15  
;; TYPE: RNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-274-553D-1130

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 9.23%; Pred. No. 3.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1337 CAAGCAGAGAGAC 1349  
Db 15 CAAGCAGAGAGAC 3

RESULT 611  
US-09-860-784-31  
; Sequence 31, Application US/09860784  
; Patent No. US200201512A1  
; GENERAL INFORMATION:  
; APPLICANT: PEWMAN, Anuschirwan  
; UHLMANN, Eugen  
; TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES  
; NUMBER OF SEQUENCES: 105  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Foley & Lardner  
; STREET: 3000 K Street, N.W., Suite 500  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20007-5109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/860,784  
; FILING DATE: 21-May-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/594,452  
; FILING DATE: 04-APR-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: SANDERCOCK, Colin G.  
; REGISTRATION NUMBER: 31,298  
; REFERENCE/DOCKET NUMBER: 18748/264/HOCE  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 672-5300  
; TELEFAX: (202) 672-5399  
; TELEX: 904136  
; INFORMATION FOR SEQ ID NO: 31:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 31:  
US-09-860-784-31

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 3.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1295 GGGTGCATGTC 1307  
DB 1 GGCTGCCATGTC 13

RESULT 612  
US-09-835-371-8  
; Sequence 8, Application US/09835371  
; Publication No. US20020187473A1  
; GENERAL INFORMATION:  
; APPLICANT: UHLMANN, Eugen  
; APPLICANT: BREIPOHL, Gerhard  
; APPLICANT: WILF, David W  
; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES, AND AGENTS AND  
; TITLE OF INVENTION: PROCESSES FOR PREPARING THEM  
; FILE REFERENCE: 02481.1743 SEQUENCE LISTING  
; CURRENT APPLICATION NUMBER: US/09/835,371  
; CURRENT FILING DATE: 2001-04-17  
; NUMBER OF SEQ ID NOS: 53  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 8  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: base sequence  
US-09-835-371-8

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 3.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1295 GGGTGCATGTC 1307  
DB 1 GGCTGCCATGTC 13

RESULT 613  
US-09-907-111-19  
; Sequence 19, Application US/09907111  
; Publication No. US20030003461A1  
; GENERAL INFORMATION:  
; APPLICANT: Pagratle, Nikos  
; APPLICANT: Gold, Larry  
; APPLICANT: Shtatland, Timut  
; APPLICANT: Javornik, Brenda  
; TITLE OF INVENTION: Truncation SELEX Method  
; FILE REFERENCE: NEX 79  
; CURRENT APPLICATION NUMBER: US/09/907,111  
; CURRENT FILING DATE: 2001-07-17  
; PRIOR APPLICATION NUMBER: 09/275,850  
; PRIOR FILING DATE: 1999-03-24  
; NUMBER OF SEQ ID NOS: 351  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 19  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: E. coli  
US-09-907-111-19

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 3.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1257 CAGCAACAGCTGG 1269

DB 3 CAGCAACAGCGG 15

RESULT 614  
US-09-835-370-8  
; Sequence 8, Application US/09835370  
; Publication No. US20030022172A1  
; GENERAL INFORMATION:  
; APPLICANT: UHLMANN, EUGEN  
; APPLICANT: BREIPOHL, GERHARD  
; APPLICANT: WILF, DAVID W  
; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND  
; TITLE OF INVENTION: PROCESSES FOR PREPARING THEM  
; FILE REFERENCE: 02481.1742 SEQUENCE LISTING  
; CURRENT APPLICATION NUMBER: US/09/835,370  
; CURRENT FILING DATE: 2001-04-17  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 8  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: nucleotide  
; OTHER INFORMATION: base sequence of PNA derivatives that bind to  
US-09-835-370-8

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 3.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1295 GGGTGCATGTC 1307  
DB 1 GGCTGCCATGTC 13

RESULT 615  
US-09-880-313A-211  
; Sequence 211, Application US/09880313A  
; Publication No. US20030044791A1  
; GENERAL INFORMATION:  
; APPLICANT: Flemington, Erik K  
; TITLE OF INVENTION: Adaptors and Methods of Use  
; FILE REFERENCE: 9397/1000  
; CURRENT APPLICATION NUMBER: US/09/880,313A  
; CURRENT FILING DATE: 2001-06-13  
; NUMBER OF SEQ ID NOS: 276  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 211  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide  
US-09-880-313A-211

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 3.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1247 GGTCCGCTGCAG 1259  
DB 1 GATCCGCTGCAG 13

RESULT 616  
US-09-880-313A-217  
; Sequence 217, Application US/09880313A  
; Publication No. US20030044791A1  
; GENERAL INFORMATION:  
; APPLICANT: Flemington, Erik K

TITLE OF INVENTION: Adaptors and Methods of Use  
FILE REFERENCE: 9397/1000  
CURRENT APPLICATION NUMBER: US/09/880,313A  
CURRENT FILING DATE: 2001-06-13  
NUMBER OF SEQ ID NOS: 276  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 217  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide  
US-09-880-313A-217

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 3.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1247 GGTCCGGCTGCAG 1259  
DB 1 GATCCGGCTGCAG 13

RESULT 617  
US-09-880-313A-223  
Sequence 223, Application US/09880313A  
Publication No. US20030044791A1  
GENERAL INFORMATION:  
APPLICANT: Flemington, Erik K  
TITLE OF INVENTION: Adaptors and Methods of Use  
FILE REFERENCE: 9397/1000  
CURRENT APPLICATION NUMBER: US/09/880,313A  
CURRENT FILING DATE: 2001-06-13  
NUMBER OF SEQ ID NOS: 276  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 223  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide  
US-09-880-313A-223

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 3.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1247 GGTCCGGCTGCAG 1259  
DB 1 GATCCGGCTGCAG 13

RESULT 618  
US-09-880-313A-229  
Sequence 229, Application US/09880313A  
Publication No. US20030044791A1  
GENERAL INFORMATION:  
APPLICANT: Flemington, Erik K  
TITLE OF INVENTION: Adaptors and Methods of Use  
FILE REFERENCE: 9397/1000  
CURRENT APPLICATION NUMBER: US/09/880,313A  
CURRENT FILING DATE: 2001-06-13  
NUMBER OF SEQ ID NOS: 276  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 229  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide  
US-09-880-313A-229

Query Match 4.5%; Score 11.4; DB 1; Length 15;

Best Local Similarity 92.3%; Pred. No. 3.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1247 GGTCCGGCTGCAG 1259  
DB 1 GATCCGGCTGCAG 13

RESULT 619  
US-09-880-313A-271  
Sequence 271, Application US/09880313A  
Publication No. US20030044791A1  
GENERAL INFORMATION:  
APPLICANT: Flemington, Erik K  
TITLE OF INVENTION: Adaptors and Methods of Use  
FILE REFERENCE: 9397/1000  
CURRENT APPLICATION NUMBER: US/09/880,313A  
CURRENT FILING DATE: 2001-06-13  
NUMBER OF SEQ ID NOS: 276  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 271  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide  
US-09-880-313A-271

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 3.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1247 GGTCCGGCTGCAG 1259  
DB 1 GATCCGGCTGCAG 13

RESULT 620  
US-10-100-679-22  
Sequence 22, Application US/10100679  
Publication No. US20030054013A1  
GENERAL INFORMATION:  
APPLICANT: Delcayre, Alain  
TITLE OF INVENTION: Compounds for Treatment of Infectious and Immune System Disorders  
FILE REFERENCE: 11000.1042c2  
CURRENT APPLICATION NUMBER: US/10/100,679  
CURRENT FILING DATE: 2002-03-14  
PRIOR APPLICATION NUMBER: PCT/NZ00/00121  
PRIOR FILING DATE: 2000-07-10  
PRIOR APPLICATION NUMBER: 09/450,072  
PRIOR FILING DATE: 1999-11-29  
PRIOR APPLICATION NUMBER: 09/351,348  
PRIOR FILING DATE: 1999-07-12  
NUMBER OF SEQ ID NOS: 114  
SOFTWARE: PasteSeq for Windows Version 4.0  
SEQ ID NO 22  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Made in a lab  
US-10-100-679-22

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 3.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1359 GCAGCTGAGCTT 1371  
DB 2 GCAGCTGAGCTT 14

```
RESULT 621
US-10-010-802-11/c
; Sequence 11, Application US/10010802
; Publication No. US20030078226A1
; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Duda, Amy
; APPLICANT: Nendabalan, Kriehnan
; APPLICANT: Stephens, J. Claiborne
; APPLICANT: Windemuth, Andreas
; TITLE OF INVENTION: Drug Target Isoenes: Polymorphisms in the Interleukin
; FILE REFERENCE: MMH-0002US2 114R alpha
; CURRENT APPLICATION NUMBER: US/10/010,802
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: PCT/US00/19094
; PRIOR FILING DATE: 2000-07-13
; NUMBER OF SEQ ID NOS: 413
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-010-802-11
```

```
Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1360 CAGCTGAGGCTTA 1372
Db 13 CAGCGAGGCTTA 1
```

```
RESULT 622
US-10-241-780-101
; Sequence 101, Application US/10241780
; Publication No. US20030165821A1
; GENERAL INFORMATION:
; APPLICANT: VAN DOORN, Leen-Jan et al.
; TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and
; FILE REFERENCE: 3501-0101P
; CURRENT APPLICATION NUMBER: US/10/241,780
; CURRENT FILING DATE: 2002-09-11
; PRIOR APPLICATION NUMBER: 09/527,030
; PRIOR FILING DATE: 2000-03-16
; NUMBER OF SEQ ID NOS: 497
; SOFTWARE: PatentIn Version 3.0
; SEQ ID NO 101
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Type specific probe derived from the Human Papillomavirus (HPV)
US-10-241-780-101
```

```
Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1232 GCATGCTGCTGCA 1244
Db 1 GCATTTGCTGCTGCA 13
```

```
RESULT 623
US-10-607-752-22
; Sequence 22, Application US/10607752
; Publication No. US20040072222A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Delcayre, Alain
; TITLE OF INVENTION: Compounds for Treatment of Infectious and Immune System Disorders
; TITLE OF INVENTION: and Methods for Their Use
; FILE REFERENCE: 11000.1042c3
; CURRENT APPLICATION NUMBER: US/10/607,752
; CURRENT FILING DATE: 2003-06-26
; PRIOR APPLICATION NUMBER: 10/100,679
; PRIOR FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: 09/450,072
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: 09/351,348
; PRIOR FILING DATE: 1999-07-12
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Made in a lab
US-10-607-752-22
```

```
Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1359 GCAGCTGAGGCTT 1371
Db 2 GCAGCTGTGGCTT 14
```

```
RESULT 624
US-09-880-313A-238/c
; Sequence 238, Application US/09880313A
; Publication No. US20030044791A1
; GENERAL INFORMATION:
; APPLICANT: Flemington, Erik K
; TITLE OF INVENTION: Adaptors and Methods of Use
; FILE REFERENCE: 9397/1000
; CURRENT APPLICATION NUMBER: US/09/880,313A
; CURRENT FILING DATE: 2001-06-13
; NUMBER OF SEQ ID NOS: 276
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 238
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-880-313A-238
```

```
Query Match 4.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1250 CCGGCTGACAGCA 1262
Db 16 CCGGCTGACAGCA 4
```

```
RESULT 625
US-09-880-313A-267
; Sequence 267, Application US/09880313A
; Publication No. US20030044791A1
; GENERAL INFORMATION:
; APPLICANT: Flemington, Erik K
; TITLE OF INVENTION: Adaptors and Methods of Use
; FILE REFERENCE: 9397/1000
; CURRENT APPLICATION NUMBER: US/09/880,313A
; CURRENT FILING DATE: 2001-06-13
; NUMBER OF SEQ ID NOS: 276
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 267
```

LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE: OTHER INFORMATION: Oligonucleotide  
US-09-880-313A-267

Query Match 4.5%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 3.9e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1247 GGTCCGGCTGCAG 1259  
Db 1 GATCCGGCTGCAG 13

RESULT 626  
US-10-241-780-166  
Sequence 166, Application US/10241780  
Publication No. US20030165821A1  
GENERAL INFORMATION:  
APPLICANT: VAN DOORN, Leen-Jan et al.  
TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and  
FILE REFERENCE: 3501-0101P  
CURRENT APPLICATION NUMBER: US/10/241,780  
CURRENT FILING DATE: 2002-09-11  
PRIOR APPLICATION NUMBER: 09/527,030  
PRIOR FILING DATE: 2000-03-16  
NUMBER OF SEQ ID NOS: 497  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 166  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Probe derived from the Human Papillomavirus (HPV)  
US-10-241-780-166

Query Match 4.5%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 3.9e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1232 GCATGTGCTGCA 1244  
Db 2 GCATGTGCTGCA 14

RESULT 627  
US-10-317-832-145  
Sequence 145, Application US/10317832  
Publication No. US20030166337A1  
GENERAL INFORMATION:  
APPLICANT: Jean-Philippe Girard  
APPLICANT: Myriam Rousigne  
APPLICANT: Sophie Kossida  
APPLICANT: Francois Amalric  
APPLICANT: Thomas Clouaire  
TITLE OF INVENTION: NOVEL DEATH ASSOCIATED PROTEINS, AND  
TITLE OF INVENTION: THAP1 AND PAR4 PATHWAYS IN APOPTOSIS CONTROL  
FILE REFERENCE: BIOBANK 009A  
CURRENT APPLICATION NUMBER: US/10/317,832  
CURRENT FILING DATE: 2002-12-10  
PRIOR APPLICATION NUMBER: 60/341,997  
PRIOR FILING DATE: 2001-12-18  
NUMBER OF SEQ ID NOS: 263  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 145  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: DR-5-related sequence

US-10-317-832-145

Query Match 4.5%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 3.9e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1232 GCATGTGCTGCA 1244  
Db 3 GCATGTGCTGCA 15

RESULT 628  
US-10-712-672-1580  
Sequence 1580, Application US/10712672  
Publication No. US20040102413A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Chowitra, Bharat  
APPLICANT: McSwigen, Jim  
APPLICANT: Scinchcomb, Dan  
TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme  
FILE REFERENCE: MEH800-882-C (400/019)  
CURRENT APPLICATION NUMBER: US/10/712,672  
CURRENT FILING DATE: 2003-11-13  
PRIOR APPLICATION NUMBER: US/09/653,225  
PRIOR FILING DATE: 2000-08-31  
PRIOR APPLICATION NUMBER: 60/197,769  
PRIOR FILING DATE: 2000-04-14  
PRIOR APPLICATION NUMBER: 60/150,713  
PRIOR FILING DATE: 1999-08-31  
NUMBER OF SEQ ID NOS: 5586  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1580  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-712-672-1580

Query Match 4.5%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 84.6%; Pred. No. 3.9e+02;  
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1375 AGAGCAGCTGCG 1387  
Db 1 AGAGCAGCTGCG 13

RESULT 629  
US-10-741-601-26228/c  
Sequence 26228, Application US/10741601  
Publication No. US20040166519A1  
GENERAL INFORMATION:  
APPLICANT: CARGILL, Michele et al.  
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH  
TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF  
FILE REFERENCE: CI0010500  
CURRENT APPLICATION NUMBER: US/10/741,601  
CURRENT FILING DATE: 2003-12-22  
NUMBER OF SEQ ID NOS: 26415  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 26228  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-741-601-26228

Query Match 4.5%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 3.9e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1335 TCCAGCAGGAG 1347  
Db 13 TCCAGCAGGAG 1

RESULT 630  
US-10-733-878-145  
; Sequence 145, Application US/10733878  
; Publication No. US2004022408A1  
; GENERAL INFORMATION:  
; APPLICANT: Jean-Philippe Girard  
; APPLICANT: Francois Amaric  
; APPLICANT: Myriam Rousigne  
; APPLICANT: Thomas Clouaire  
; TITLE OF INVENTION: THAP PROTEINS AS NUCLEAR RECEPTORS FOR  
; TITLE OF INVENTION: CHEMOKINES AND ROLES IN TRANSCRIPTIONAL REGULATION, CELL  
; FILE REFERENCE: BIOBANK.012A  
; CURRENT APPLICATION NUMBER: US/10/733,878  
; PRIOR FILING DATE: 2003-12-10  
; PRIOR APPLICATION NUMBER: 60/432699  
; PRIOR FILING DATE: 2002-12-10  
; PRIOR APPLICATION NUMBER: 60/485027  
; PRIOR FILING DATE: 2003-07-03  
; NUMBER OF SEQ ID NOS: 535  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 145  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: DR-5-related sequence  
US-10-733-878-145

Query Match 4.5%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 3.9e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1232 GCATGCTCTGCCA 1244  
DB 3 GCATGCTCTGCCA 15  
RESULT 631  
US-09-811-045A-3  
; Sequence 3, Application US/09811045A  
; Patent No. US20020035080A1  
; GENERAL INFORMATION:  
; APPLICANT: Scott, Robert E.  
; TITLE OF INVENTION: CDNA encoding P2P proteins and use of P2P cDNA-  
; TITLE OF INVENTION: derived antibodies and antisense reagents  
; TITLE OF INVENTION: in determining the proliferative potential of  
; TITLE OF INVENTION: normal, abnormal and cancer cells in animals  
; FILE REFERENCE: D6386D  
; CURRENT APPLICATION NUMBER: US/09/811,045A  
; CURRENT FILING DATE: 2001-03-16  
; PRIOR APPLICATION NUMBER: US 08/801,308  
; PRIOR FILING DATE: 1997-02-18  
; NUMBER OF SEQ ID NOS: 4  
; SEQ ID NO 3  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Unknown  
; FEATURE:  
; NAME/KEY: primer bind  
; OTHER INFORMATION: P2P antisense oligonucleotide  
US-09-811-045A-3

Query Match 4.4%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 4.2e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1374 CAGAGCAGCTGCTT 1389  
DB 1 CAGAGCAGCTGCTT 16

RESULT 632  
US-09-829-855-47/C  
; Sequence 47, Application US/09829855  
; Patent No. US20020065609A1  
; GENERAL INFORMATION:  
; APPLICANT: Matthew, Ashby N.  
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
; FILE REFERENCE: ASHBY-1  
; CURRENT APPLICATION NUMBER: US/09/829,855  
; CURRENT FILING DATE: 2001-04-10  
; PRIOR APPLICATION NUMBER: US 60/196063  
; PRIOR FILING DATE: 2000-04-10  
; PRIOR APPLICATION NUMBER: US 60/196258  
; PRIOR FILING DATE: 2000-04-11  
; NUMBER OF SEQ ID NOS: 244  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 47  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: unknown  
; FEATURE:  
; OTHER INFORMATION: unidentified soil organism  
US-09-829-855-47

Query Match 4.4%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 4.2e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1396 AGCTGCTGCACAGACC 1411  
DB 16 AGCTGCTGCACAGACC 1

RESULT 633  
US-09-829-855-131/C  
; Sequence 131, Application US/09829855  
; Patent No. US20020065609A1  
; GENERAL INFORMATION:  
; APPLICANT: Matthew, Ashby N.  
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
; FILE REFERENCE: ASHBY-1  
; CURRENT APPLICATION NUMBER: US/09/829,855  
; CURRENT FILING DATE: 2001-04-10  
; PRIOR APPLICATION NUMBER: US 60/196063  
; PRIOR FILING DATE: 2000-04-10  
; PRIOR APPLICATION NUMBER: US 60/196258  
; PRIOR FILING DATE: 2000-04-11  
; NUMBER OF SEQ ID NOS: 244  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 131  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: unknown  
; FEATURE:  
; OTHER INFORMATION: unidentified soil organism  
US-09-829-855-131

Query Match 4.4%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 4.2e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1396 AGCTGCTGCACAGACC 1411  
DB 16 AGCTGCTGCACAGACC 1

RESULT 634  
US-09-736-084-89/C  
; Sequence 89, Application US/09736084  
; Patent No. US20020107211A1  
; GENERAL INFORMATION:



APPLICANT: THE ROCKEFELLER UNIVERSITY  
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING  
NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC  
NUMBER OF SEQUENCES: 98  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Klauber & Jackson  
STREET: 411 Hackensack Avenue  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/736,084  
FILING DATE: 13-Dec-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/438,431  
FILING DATE: May 10, 1995  
APPLICATION NUMBER: 08/347,563  
FILING DATE: No. US20020107211, November 30, 1994  
APPLICATION NUMBER: 08/292,345  
FILING DATE: August 17, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-087 CIP21  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 89:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (primer)  
DESCRIPTION: Marker AFM199xh12  
HYPOTHEICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Human  
SEQUENCE DESCRIPTION: SEQ ID NO: 89:  
US-09-736-084-89  
Query Match 4.4%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 4.2e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
OY 1209 GCAGCATGTGTGAGA 1224  
DB 16 GCAGCCAGCATCAGA 1  
RESULT 635  
US-09-823-847-31  
Sequence 31, Application US/09823847  
Patent No. US20020137905A1  
GENERAL INFORMATION:  
APPLICANT: THE SCRIPPS RESEARCH INSTITUTE  
APPLICANT: SIMS, Peter  
APPLICANT: SILVERMAN, Robert  
APPLICANT: WIEDMER, Therese  
TITLE OF INVENTION: PHOSPHOLIPID SCRAMBLASES AND METHODS OF USE THEREOF  
FILE REFERENCE: SCRIPT20-1  
CURRENT APPLICATION NUMBER: US/09/823,847  
CURRENT FILING DATE: 2001-03-30  
PRIOR APPLICATION NUMBER: US 60/199,939

PRIOR FILING DATE: 2000-03-31  
NUMBER OF SEQ ID NOS: 45  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 31  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: Human Scramblase Splice acceptor site 3  
US-09-823-847-31  
Query Match 4.4%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 4.2e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
OY 1216 TCTGTCAGACCTGCCA 1231  
DB 1 TATTTGAGACCTGCCA 16  
RESULT 636  
US-10-146-058-39  
Sequence 39, Application US/10146058  
Patent No. US20030040499A1  
GENERAL INFORMATION:  
APPLICANT: Schlingensiefen, Georg-Ferdinand  
APPLICANT: Brysch, Wolfgang  
APPLICANT: Schlingensiefen, Karl-Hermann  
APPLICANT: Schlingensiefen, Reimar  
APPLICANT: Bogdahn, Ulrich  
TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of  
TITLE OF INVENTION: Immuno-suppressive effect of transforming-growth-factor beta (7  
NUMBER OF SEQUENCES: 137  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jacobson, Price, Holman & Stern  
STREET: 400 Seventh St. N.W.  
CITY: Washington D.C  
COUNTRY: U.S.A.  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/146,058  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/535,249  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 93 107 089.0  
FILING DATE: 30-APR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 93 107 849.7  
FILING DATE: 13-MAY-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Player, William E.  
REGISTRATION NUMBER: 31,409  
REFERENCE/DOCKET NUMBER: 10577/P58418  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202)638-6666  
TELEFAX: (202) 393-5350  
TELEX: RCA 248593 IDEA UR  
INFORMATION FOR SEQ ID NO: 39:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)  
ANTI-SENSE: YES

US-10-146-058-39

Query Match 4.4%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 4.2e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1254 CTGCAGCAGCAGCTGG 1269

Db 1 CTGAGCAGATAGTTGG 16

RESULT 637

US-10-043-875-125  
; Sequence 125, Application US/10043875  
; Publication No. US20030054339A1  
; GENERAL INFORMATION:

; APPLICANT: De Smet, Koenraad  
; APPLICANT: Stuyver, Lieven  
; TITLE OF INVENTION: Method for Detection of Drug-Induced Mutations in the HIV Reverse  
; FILE REFERENCE: 11362-0033-NPUS01 (INNS:033)  
; CURRENT APPLICATION NUMBER: US/10/043,875  
; CURRENT FILING DATE: 2002-04-03  
; PRIOR APPLICATION NUMBER: 60/286,102  
; PRIOR FILING DATE: 2001-04-24  
; PRIOR APPLICATION NUMBER: EP 01870085.6  
; PRIOR FILING DATE: 2001-04-20  
; PRIOR APPLICATION NUMBER: EP 01870005.4  
; PRIOR FILING DATE: 2001-01-11  
; NUMBER OF SEQ ID NOS: 884  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 125  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Human immunodeficiency virus  
US-10-043-875-125

Query Match 4.4%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 4.2e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1211 AGGCATCTGCAGAC 1226

Db 1 AGTATCTGTCACTAC 16

RESULT 638  
US-10-043-875-217  
; Sequence 217, Application US/10043875  
; Publication No. US20030054339A1  
; GENERAL INFORMATION:

; APPLICANT: De Smet, Koenraad  
; APPLICANT: Stuyver, Lieven  
; TITLE OF INVENTION: Method for Detection of Drug-Induced Mutations in the HIV Reverse  
; FILE REFERENCE: 11362-0033-NPUS01 (INNS:033)  
; CURRENT APPLICATION NUMBER: US/10/043,875  
; CURRENT FILING DATE: 2002-04-03  
; PRIOR APPLICATION NUMBER: 60/286,102  
; PRIOR FILING DATE: 2001-04-24  
; PRIOR APPLICATION NUMBER: EP 01870085.6  
; PRIOR FILING DATE: 2001-04-20  
; PRIOR APPLICATION NUMBER: EP 01870005.4  
; PRIOR FILING DATE: 2001-01-11  
; NUMBER OF SEQ ID NOS: 884  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 217  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Human immunodeficiency virus  
US-10-043-875-217

Query Match 4.4%; Score 11.2; DB 1; Length 16;

Best Local Similarity 81.2%; Pred. No. 4.2e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1211 AGGCATCTGCAGAC 1226

Db 1 AGTATCTGTCACTAC 16

RESULT 639

US-10-331-907-443/C  
; Sequence 443, Application US/10331907  
; Publication No. US2003018160A1  
; GENERAL INFORMATION:

; APPLICANT: Todd, John A  
; APPLICANT: Hess, John W  
; APPLICANT: Caekey, Charles T  
; APPLICANT: Cox, Roger D  
; APPLICANT: Gerhold, David  
; APPLICANT: Hammond, Holly  
; APPLICANT: Hey, Patricia  
; APPLICANT: Kawaguchi, Yoshitiko  
; APPLICANT: Merriman, Tony R  
; APPLICANT: Metzker, Michael L  
; TITLE OF INVENTION: NO. US2003018160A1e1 LDL-Receptor  
; NUMBER OF SEQUENCES: 455  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: Nixon and Vanderhye  
; STREET: 1100 No. US2003018160A1e1h Glebe Road, Eighth Floor  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: US  
; ZIP: VA 22201-4714  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: IBM PC compatible  
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/331,907  
; FILING DATE: 31-Dec-2002  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/09/402,923A  
; FILING DATE: 14-Feb-2001  
; APPLICATION NUMBER: PCT/GB98/01102  
; FILING DATE: 15-Apr-1998  
; APPLICATION NUMBER: US 60/043,553  
; FILING DATE: 15-Apr-1997  
; APPLICATION NUMBER: US 60/048,740  
; FILING DATE: 05-JUN-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: B.J.Sadoff  
; REGISTRATION NUMBER: 36,663  
; REFERENCE/DOCKET NUMBER: 620-81  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703)816-4091  
; TELEFAX: (703)816-4100  
; INFORMATION FOR SEQ ID NO: 443:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 443:  
US-10-331-907-443

Query Match 4.4%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 4.2e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1395 GAGCTGCTGAGACAGAC 1410

Db 16 GAGCTGCTGAGACAGAC 1

```
RESULT 640
US-10-339-674-1755
; Sequence 1755, Application US/10339674
; Publication No. US20030204318A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.
; FILE REFERENCE: Jim Zeiger Law Offices - 703-684-8333
; CURRENT FILING DATE: 2003-06-06
; NUMBER OF SEQ ID NOS: 3537
; SOFTWARE: Proprietary
; SEQ ID NO 1755
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Escherichia coli K-12 MG1655 complete genome.
; FEATURE:
; LOCATION: (2398288)...(2398303)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectionObjectNumber = 2321
US-10-339-674-1755

Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1388 TTTTGTGAGCTGCTG 1403
DB 1 TATTGCTGAACGCTG 16

RESULT 641
US-10-307-928A-36/C
; Sequence 36, Application US/10307928A
; Publication No. US20030229016A1
; GENERAL INFORMATION:
; APPLICANT: Alabrook, John P.
; APPLICANT: Anderson, David W.
; APPLICANT: Boldog, Ferenc L.
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Catterton, Elina
; APPLICANT: Edinger, Shlomoit R.
; APPLICANT: Gorman, Linda
; APPLICANT: Guo, Xiaojia (Sasha)
; APPLICANT: Ji, Weizhen
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Li, Li
; APPLICANT: Paturajan, Meera
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Verneet, Corine A.M.
; APPLICANT: Voss, Edward Z.
; APPLICANT: Zhong, Mei
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYPEPTIDES ENCODING THEM AND METHODS C
; FILE REFERENCE: 24102-502D
; CURRENT APPLICATION NUMBER: US/10/307,928A
; CURRENT FILING DATE: 2002-12-02
; PRIOR APPLICATION NUMBER: 60/341,477
; PRIOR FILING DATE: 2001-12-17
; PRIOR APPLICATION NUMBER: 60/341,540
; PRIOR FILING DATE: 2001-12-17
; PRIOR APPLICATION NUMBER: 60/342,592
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: 60/344,903
; PRIOR FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/373,288
; PRIOR FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: 60/380,981
; PRIOR FILING DATE: 2002-05-15
; PRIOR APPLICATION NUMBER: 60/381,495
; PRIOR FILING DATE: 2002-05-17
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; PRIOR APPLICATION NUMBER: 60/383,744
; PRIOR FILING DATE: 2002-05-28
; PRIOR APPLICATION NUMBER: 60/384,024
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: 60/401,788
; PRIOR FILING DATE: 2002-08-07
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 36
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-307-928A-36

Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1244 AGTGTCGGCTGCAG 1259
DB 16 AGTGCCCTGCAGCAG 1

RESULT 642
US-10-407-807-5/C
; Sequence 5, Application US/10407807
; Publication No. US20040096848A1
; GENERAL INFORMATION:
; APPLICANT: THRUE, CHARLOTTE ALBAEK
; APPLICANT: HOG, ANJA MOLHART
; APPLICANT: KRISTJANSEN, PAUL E.G.
; TITLE OF INVENTION: OLIGOMERIC COMPOUNDS FOR THE MODULATION HIF-1ALPHA
; FILE REFERENCE: 57390 (45120)
; CURRENT APPLICATION NUMBER: US/10/407,807
; CURRENT FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: 60/370,126
; PRIOR FILING DATE: 2002-04-05
; NUMBER OF SEQ ID NOS: 124
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 5
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-407-807-5

Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1323 GGGGACCTCTTCCCA 1338
DB 16 GGGGACCGATTACCA 1

RESULT 643
US-10-712-672-1454
; Sequence 1454, Application US/10712672
; Publication No. US20040102413A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Chowitra, Bharat
; APPLICANT: McSwigen, Jim
; APPLICANT: Seinchomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
; FILE REFERENCE: MBHB00-882-C (400/019)
; CURRENT APPLICATION NUMBER: US/10/712,672
```

;/ CURRENT FILING DATE: 2003-11-13  
;/ PRIOR APPLICATION NUMBER: US/09/653,225  
;/ PRIOR FILING DATE: 2000-08-31  
;/ PRIOR APPLICATION NUMBER: 60/197,769  
;/ PRIOR FILING DATE: 2000-04-14  
;/ PRIOR APPLICATION NUMBER: 60/150,713  
;/ PRIOR FILING DATE: 1999-08-31  
;/ NUMBER OF SEQ ID NOS: 5586  
;/ SOFTWARE: PatentIn version 3.0  
;/ SEQ ID NO 1454  
;/ LENGTH: 16  
;/ TYPE: RNA  
;/ ORGANISM: Homo sapiens  
;/ US-10-712-672-1454

Query Match 4.4%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 56.2%; Pred. No. 4.2e+02;  
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy 1382 GCTGCGTTTGTGAG 1397  
Db 1 GCUGCGUCUGCGCG 16

RESULT 644  
;/ Sequence 47, Application US/10607077A  
;/ Publication No. US20040110183A1  
;/ GENERAL INFORMATION:  
;/ APPLICANT: Ashby, Matthew  
;/ TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
;/ FILE REFERENCE: ASHBY/1 DIV  
;/ CURRENT APPLICATION NUMBER: US/10/607,077A  
;/ CURRENT FILING DATE: 2003-06-25  
;/ PRIOR APPLICATION NUMBER: US 09/829855  
;/ PRIOR FILING DATE: 2001-04-10  
;/ PRIOR APPLICATION NUMBER: PCT/US01/11609  
;/ PRIOR FILING DATE: 2001-04-10  
;/ PRIOR APPLICATION NUMBER: US 60/196063  
;/ PRIOR FILING DATE: 2000-04-10  
;/ PRIOR APPLICATION NUMBER: US 60/196258  
;/ PRIOR FILING DATE: 2000-04-11  
;/ NUMBER OF SEQ ID NOS: 244  
;/ SOFTWARE: PatentIn version 3.1  
;/ SEQ ID NO 47  
;/ LENGTH: 16  
;/ TYPE: DNA  
;/ ORGANISM: Unknown  
;/ FEATURE:  
;/ OTHER INFORMATION: ribosomal DNA sequence tag isolated from  
;/ OTHER INFORMATION: microbes in soil sample collected  
;/ OTHER INFORMATION: in Wyoming, USA  
;/ US-10-607-077A-47

Query Match 4.4%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 4.2e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1396 AGCTGCTGCAGAC 1411  
Db 16 AGCTGCGCGACGACC 1

RESULT 645  
;/ Sequence 47, Application US/10607077A  
;/ Publication No. US20040110183A1  
;/ GENERAL INFORMATION:  
;/ APPLICANT: Ashby, Matthew  
;/ TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
;/ FILE REFERENCE: ASHBY/1 DIV  
;/ CURRENT APPLICATION NUMBER: US/10/607,077A  
;/ CURRENT FILING DATE: 2003-06-25

;/ PRIOR APPLICATION NUMBER: US 09/829855  
;/ PRIOR FILING DATE: 2001-04-10  
;/ PRIOR APPLICATION NUMBER: PCT/US01/11609  
;/ PRIOR FILING DATE: 2001-04-10  
;/ PRIOR APPLICATION NUMBER: US 60/196063  
;/ PRIOR FILING DATE: 2000-04-10  
;/ PRIOR APPLICATION NUMBER: US 60/196258  
;/ PRIOR FILING DATE: 2000-04-11  
;/ NUMBER OF SEQ ID NOS: 244  
;/ SOFTWARE: PatentIn version 3.1  
;/ SEQ ID NO 131  
;/ LENGTH: 16  
;/ TYPE: DNA  
;/ ORGANISM: Unknown  
;/ FEATURE:  
;/ OTHER INFORMATION: ribosomal DNA sequence tag isolated from  
;/ OTHER INFORMATION: microbes in soil sample collected  
;/ OTHER INFORMATION: in Wyoming, USA  
;/ US-10-607-077A-131

Query Match 4.4%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 4.2e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1396 AGCTGCTGCAGAC 1411  
Db 16 AGCTGCGCGACGACC 1

RESULT 646  
;/ Sequence 89, Application US/10730488  
;/ Publication No. US20040213763A1  
;/ GENERAL INFORMATION:  
;/ APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, AND  
;/ MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND  
;/ STEPHEN K. BURLEY  
;/ TITLE OF INVENTION: OB POLYPEPTIDE ANTIBODIES AND METHOD OF MAKING  
;/ (AS AMENDED)  
;/ NUMBER OF SEQUENCES: 102  
;/ CORRESPONDENCE ADDRESS:  
;/ ADDRESSEE: Klauber & Jackson  
;/ STREET: 411 Hackensack Avenue  
;/ CITY: Hackensack  
;/ STATE: New Jersey  
;/ COUNTRY: USA  
;/ ZIP: 07601  
;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: Floppy disk  
;/ COMPUTER: IBM PC compatible  
;/ OPERATING SYSTEM: PC-DOS/MS-DOS  
;/ SOFTWARE: PatentIn Release #1.0, Version #1.25  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/10/730,488  
;/ FILING DATE: 08-Dec-2003  
;/ CLASSIFICATION: <Unknown>  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: US/09/736,084  
;/ FILING DATE: 13-Dec-2000  
;/ APPLICATION NUMBER: 08/438,431  
;/ FILING DATE: May 10, 1995  
;/ APPLICATION NUMBER: 08/347,563  
;/ FILING DATE: November 30, 1994  
;/ APPLICATION NUMBER: 08/292,345  
;/ FILING DATE: August 17, 1994  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Jackson Esq., David A.  
;/ REGISTRATION NUMBER: 26,742  
;/ REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2D  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: 201 487-5800  
;/ TELEFAX: 201 343-1684  
;/ TELEX: 133521

```

; INFORMATION FOR SEQ ID NO: 89:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: Marker AFM199xh12
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
; SEQUENCE DESCRIPTION: SEQ ID NO: 89:
US-10-730-488-89

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Query Match      4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1209 GCAGCCATCTGTCAGA 1224
Db 16 GCAGCCAGCATCAGA 1

```

Search completed: December 6, 2004, 18:20:35  
 Job time : 5 secs

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GenCore version 5.1.6  
Copyright (c) 1993 - 2004 CompuGen Ltd.

# OM nucleic - nucleic search, using sw model

Run on: December 6, 2004, 18:07:54 ; Search time 0.001 Seconds

(without alignments)  
74.592 Million cell updates/sec

Title: us-09-993-731-10

Sequence: 1 cggcgctcccccagagcgtgt.....gtgcgtgagcgagccatcac 252

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 0.5

Searched: 12 seqs, 148 residues

Total number of hits satisfying chosen parameters: 24

Minimum DB seq length: 8  
Maximum DB seq length: 50

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 15 summaries

Database: rscdb:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length DB	ID	Description
1	13.8	5.5	19	1	ACCESSION:AJ509071
2	10.8	4.3	15	1	ACCESSION:AJ599290
3	9.8	3.9	13	1	ACCESSION:AJ650760
4	9.8	3.9	13	1	ACCESSION:AJ666341
5	9.4	3.7	12	1	ACCESSION:CL658999
6	9	3.6	9	1	ACCESSION:CA853359
7	8.8	3.5	12	1	ACCESSION:CF337407
8	8.8	3.5	12	1	ACCESSION:AJ595953
9	8.4	3.3	10	1	ACCESSION:CL436002
10	8.4	3.3	10	1	ACCESSION:CL438333
11	8.4	3.3	11	1	ACCESSION:AJ655617
12	8.4	3.3	12	1	ACCESSION:CL437573
13	8.4	3.3	19	1	ACCESSION:AJ509071
14	8	3.2	12	1	ACCESSION:AJ595953
15	7	2.8	9	1	ACCESSION:CA853359

## ALIGNMENTS

RESULT 1  
AJ509071 19 bp DNA linear GSS 05-OCT-2000  
LOCUS 1M0351A1R Mouse 10kb plasmid UGCM library Mus musculus genomic  
DEFINITION clone UGCM0351A21 R, genomic survey sequence.  
ACCESSION AJ509071  
VERSION AJ509071  
KEYWORDS GSS.  
SOURCE Mus musculus (house mouse)  
ORGANISM Mus musculus  
REFERENCE 1 (bases 1 to 19)

AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,  
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,  
Reilly,M., Rose,M., Rose,R., Stokes,R., Tinney,A., von  
Niederhausern,A. and Wright,D., Weiss,R.  
TITLE Mouse whole genome scaffolding with paired end reads from 10kb  
JOURNAL Unpublished (2000)  
COMMENT Contact: Robert B. Weiss  
University of Utah Genome Center  
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT  
84112, USA  
Tel: 801 585 5606  
Fax: 801 585 7177  
Email: ddunn@genetics.utah.edu  
Insert Length: 10000 Std Error: 0.00  
Plate: 0351 row: A column: 21  
Seq primer: CACACAGAAACAGCTATGACC  
Class: Plasmid ends  
High quality sequence stop: 19.

## FEATURES

1. 19  
/organism="Mus musculus"  
/mol\_type="genomic DNA"  
/strain="C57BL/6J"  
/db\_xref="taxon:10090"  
/clone="UGCM0351A21"  
/sex="Male"  
/lab\_host="E. coli strain XL10-Gold, T1-resistant, F-"  
/clone\_lib="Mouse 10kb plasmid UGCM library"  
/note="Vector: PMD42nv; Purified genomic DNA from M.  
musculus C57BL/6J (male); was obtained from the Jackson  
Laboratory Mouse DNA Resource  
(http://www.jax.org/resources/documents/dnares/). The DNA  
was hydrodynamically sheared by repeated passage through a  
0.005 inch orifice at constant velocity. The sheared DNA  
was blunt end-repaired with T4 DNA polymerase and T4  
polynucleotide kinase. Adaptor oligonucleotides were  
ligated to the blunt ends in high molar excess. The  
adaptor DNA was purified and size-selected for a 9.5 to  
10.5 kb range using preparative agarose gel  
electrophoresis. Vector DNA was prepared from a derivative  
of pMD42 (gi|4732114|gb|AF12072.1), a copy-number  
inducible derivative of plasmid R1. The vector was ligated  
with adaptors complementary to the insert adaptors and  
purified. The sheared, adaptor mouse DNA was annealed to  
adaptor vector DNA, and transformed into  
chemically-competent E. coli XL10-Gold (Stratagene) cells  
and selected for ampicillin resistance."

Query Match 5.5%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 0.31;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1265 GCTGGAAGGCTGAGG 1281  
Db 2 GCTGCAAGAGGAGG 18

RESULT 2  
AJ599290 15 bp DNA linear GSS 15-JAN-2004  
LOCUS Arabidopsis thaliana T-DNA flanking sequence, left border, clone  
DEFINITION 484D02, genomic survey sequence.  
ACCESSION AJ599290  
VERSION AJ599290.1 GI:37948918  
KEYWORDS GSS; left border; T-DNA flanking sequence.  
SOURCE Arabidopsis thaliana (thale cress)  
ORGANISM Arabidopsis thaliana  
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;  
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;  
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.  
REFERENCE 1

AUTHORS	Brunaud V., Balergue S., Dubreugnot B., Aubourg S., Samson F., Chauvin S., Bechtold N., Craud C., Derosé R., Pelleterier G., Lepintec J., Caboche M., and Lecharny A.									
TITLE	T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites									
JOURNAL	EMBO Rep. 3 (12), 1152-1157 (2002)									
MEDLINE	22363535									
REFERENCE	12446565									
AUTHORS	2 (bases 1 to 15)									
TITLE	Balergue S.									
JOURNAL	Direct Submission									
COMMENT	Submitted (23-OCT-2003) Balergue S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE									
	PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at <a href="http://dbsgap.versailles.inra.fr/publicsites/">http://dbsgap.versailles.inra.fr/publicsites/</a> . This sequence has been generated in the framework of the French plant genomics program 'Genoplante' ( <a href="http://www.genoplante.com">http://www.genoplante.com</a> and <a href="http://genoplante-info.infobioingen.fr">http://genoplante-info.infobioingen.fr</a> ).									
FEATURES	Location/Qualifiers									
source	1..15									
	/organism="Arabidopsis thaliana"									
	/mol_type="genomic DNA"									
	/culivar="Masilllewkija"									
	/db_xref="taxon:3702"									
	/clone="484D02"									
	/clone_1lb="Arabidopsis thaliana T-DNA insertion lines"									
misc_feature	1..15									
	/note="T-DNA flanking sequence									
	left border"									
QY	1209	GCAGCCATCTGTCA	1222							
Db	15	GTACCATCACTCA	2							
RESULT 3										
AJ650760/c	13 bp mRNA linear EST 07-JUL-2004									
LOCUS	AJ650760 CSEGRAN19 Sus scrofa cDNA clone C000327_E04, mRNA									
DEFINITION	sequence.									
ACCESSION	AJ650760									
VERSION	AJ650760.1 GI:49327605									
KEYWORDS	EST.									
SOURCE	Sus scrofa (pig)									
ORGANISM	Sus scrofa									
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Cetartiodactyla; Suidae; Sus.									
REFERENCE	1 (bases 1 to 13)									
AUTHORS	Anderson, S.I., Finlayson, H.A. and Archibald, A.L.									
TITLE	Development of cDNA and EST resources for studying reproduction and embryo development in pigs and cattle									
JOURNAL	Unpublished (2004)									
COMMENT	Contact: Anderson SI									
	Genomics and Bioinformatics									
	Roslin Institute									
	Roslin, Midlothian, EH25 9PS, UNITED KINGDOM									
	Single pass sequencing. Bases called and trimmed with phred v0.020425.c. Vector identified by cross match with the -mismcsc 20 and -mismatch 12 options. Vector:phredscript1(ks) R. Site1: EORI R. Site2: NOTI 5' Seg Primer M13f Normalised library constructed from pooled ovaries. Clones available from UK Centre for Functional Genomics in Farm Animals, Roslin Institute, Roslin, Midlothian, UK, EH25 9PS, <a href="http://www.ark-genomics.org">www.ark-genomics.org</a> .									

FEATURES	source	Location/Qualifiers	1..13	/organism="Sus scrofa"	/mol_type="mRNA"	/db_xref="taxon:9823"	/clone="C0003276_E04"	/clone_type="ovary"	/clone_lib="CSEGRAN9"	/note="Vector: pBluescriptII(KS+); Site_1: EcoRI; Site_2: NotI; Single pass sequencing; Normalised library constructed from pooled ovaries"
Query Match	Best Local Similarity	84.6%;	0;	Mismatches	2;	Indels	0;	Gaps	0;	
Matches	11;	Conservative	0;							
QY	1247	GGTCCGGCTGCAG	1259							
Db	13	GGCCCGGCTGGAG	1							
RESULT 4										
LOCUS	AU666341/c	13 bp	mRNA	linear	EST 28-JUN-2004					
DEFINITION	AU666341 CSEGRAN09 Sus scrofa cDNA clone C0000033_C09, mRNA sequence.									
ACCESSION	AU666341									
VERSION	AU666341.1	GI:49350792								
KEYWORDS	EST.									
SOURCE	Sus scrofa (pig)									
ORGANISM	Sus scrofa									
REFERENCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Cetartiodactyla; Suidae; Sus.									
AUTHORS	1 (bases 1 to 13)									
TITLE	Anderson,S.I., Finlayson,H.A. and Archibald,A.L.									
JOURNAL	Development of cDNA and EST resources for studying reproduction and embryo development in pigs and cattle									
COMMENT	Unpublished (2004)									
	Contact: Anderson SI									
	Genomics and Bioinformatics									
	Roslin Institute									
	Roslin, Midlothian, EH25 9PS, UNITED KINGDOM									
	Single pass sequencing; Bases called and trimmed with phred v0.020425.c. Vector identified by cross_match with the "minscore 20 and -mismatch 12 options. Vector:pBluescriptII(KS+) R. Site 1: EcoRI R. Site 2: NotI Description: Normalised library constructed from pooled tissue from day 30 placentas. Clones available from UK Centre for Functional Genomics in Farm Animals, Roslin Institute, Roslin, Midlothian, UK, EH25 9PS, www.arkgenomics.org.									
FEATURES	source	Location/Qualifiers	1..13	/organism="Sus scrofa"	/mol_type="mRNA"	/db_xref="taxon:9823"	/clone="C0000033_C09"	/clone_type="placenta"	/clone_lib="CSEGRAN9"	/note="Vector: pBluescriptII(KS+); Site_1: EcoRI; Site_2: NotI; Single pass sequencing; Normalised library constructed from pooled tissue from day 30 placentas."
Query Match	Best Local Similarity	3.9%;	Score 9.8;	DB 1;	Length 13;					
Matches	11;	Conservative	0;	Mismatches	2;	Indels	0;	Gaps	0;	
QY	1343	AGGAGACTTCCC	1355							
Db	13	AAGGAAATTTCCC	1							
RESULT 5										
LOCUS	CL658999/c	12 bp	DNA	linear	GSS 09-JUN-2004					



```

DEFINITION      PRI0132d.G05 - PRI0132d.B21 (12) Mixed stage fosmid library of P.
                  pacificus var. California Pristionchus pacificus genomic, genomic
                  survey sequence.
ACCESSION        C1658899
VERSION          C1658999.1 GI:50142558
KEYWORDS         GSS.
SOURCE           Pristionchus pacificus
ORGANISM         Pristionchus pacificus
                  Eukaryota; Metazoa; Nematoda; Chromadorea; Diplogasterida;
                  Neodiplogasteridae; Pristionchus.
REFERENCE        1 (bases 1 to 12)
                  Srinivasan,V., Otto,G.W., Kahlow,U., Gelsler,R. and Sommer,R.U.
                  Appad: an Acedb database for the nematode satellite organism
                  Pristionchus pacificus
JOURNAL          Nucleic Acids Res. 32 (1), D421-D422 (2004)
COMMENT          Contact: Sommer RJ
                  Evolutionary Biology
                  Max-Planck-Institute for Developmental Biology
                  Spemannstr. 37-39, Tuebingen D-72076, Germany
                  Tel: 00497071601371
                  Fax: 00497071601498
                  Email: ralf.sommer@uebingen.mpg.de
                  This library was generated at Caltech, Pasadena, USA and end
                  sequenced at Vancouver, Canada.
                  Seq primer: T7
                  Class: fosmid ends.
FEATURES
  source
    1..12
    /organism="Pristionchus pacificus"
    /mol_type="genomic DNA"
    /strain="California"
    /db_xref="taxon:54126"
    /clone_lib="Mixed stage fosmid library of P. pacificus
    var. California"
    /note="Vector: pCpifos-5 Fosmid vector"
  Query Match
    Best Local Similarity 90.9%; Pred. No. 3.2;
    Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
  Oy
    1337 CAAGCAGAG 1347
    |||||
    12 CAAGCAGAG 2
  Db
    12 CAAGCAGAG 2
  RESULT 6
  CA853359
  LOCUS
  DEFINITION      9 bp mRNA linear EST 01-AUG-2003
                  B07D04.seq cDNA Peking library 12hr SCN3 Glycine max cDNA clone
                  B07D04.5', mRNA sequence.
ACCESSION        CA853359
VERSION          CA853359.1 GI:33390152
KEYWORDS         EST.
SOURCE           Glycine max (soybean)
ORGANISM         Glycine max
                  Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
                  Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
                  rosids; eurosids I; Fabales; Fabaceae; Papilionoideae; Phaseoleae;
                  Glycine.
REFERENCE        1 (bases 1 to 9)
                  Alkharouf,N.W., Khan,R. and Mathews,B.F.
                  Analysis of expressed sequence tags from roots of resistant soybean
                  infected by the soybean cyst nematode
JOURNAL          Unpublished (2002)
COMMENT          Contact: Alkharouf, N.W.
                  Soybean Genomics and Improvement Laboratory (SGIL)
                  US Department of Agriculture (USDA), ARS, PSI
                  Bldg.006, Rm 118, 10300 Baltimore Ave., Beltsville, MD 20705-2350,
                  USA
                  Tel: 301 504 5750
                  Fax: 301 504 5728
                  Email: alkharouf@ars.usda.gov.
FEATURES
  location/Qualifiers

```

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source
  1..9
  /organism="Glycine max"
  /mol_type="mRNA"
  /cultivar="Peking"
  /db_xref="taxon:3847"
  /clone="B07D04"
  /issue_type="Roots"
  /dev_stage="Seedlings"
  /clone_lib="cDNA Peking library 12hr SCN3"
  /note="Vector: pBluescript SK-; cDNA clones from mRNA
  extracted from roots of soybean cv. Peking 12 hrs after
  infection by SCN race 3. These are cloned in pBluescript
  SK- phagemid. "
  Query Match
    Best Local Similarity 100.0%; Pred. No. 31;
    Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
  Oy
    1394 TGAGCTGCT 1402
    |||||
    1 TGAGCTGCT 9
  Db
    1 TGAGCTGCT 9
  RESULT 7
  CF337407/c
  LOCUS
  DEFINITION      12 bp mRNA linear EST 18-AUG-2003
                  JMT--07-N08.b1 AtJMT-overexpressing transgenic rice plasmid cDNA
                  library (JMT) Oryza sativa (japonica cultivar-group) cDNA clone
                  JMT--07-N08, mRNA sequence.
ACCESSION        CF337407
VERSION          CF337407.1 GI:33823214
KEYWORDS         EST.
SOURCE           Oryza sativa (japonica cultivar-group)
ORGANISM         Oryza sativa (japonica cultivar-group)
                  Eukaryota; Viridiplantae; Streptophyta; Tracheophyta;
                  Spermatophyta; Magnoliophyta; liliopsida; Poales; Poaceae;
                  Ehrhartoideae; Oryzaceae; Oryza.
REFERENCE        1 (bases 1 to 12)
                  Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
                  Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
                  Large-scale Sequencing Analysis of Rice ESTs
                  Unpublished (2003)
JOURNAL          Contact: Nahm B.H.
COMMENT          Genomics and Genetics Institute, GreenGene Biotech Inc.; Division
                  of Bioscience and Bioinformatics, Myongji University
                  Yongin, Kyeonggi, Korea
                  Tel: 82 31 330 6193
                  Fax: 82 31 321 6355
                  Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.
FEATURES
  source
    1..12
    /organism="Oryza sativa (japonica cultivar-group)"
    /mol_type="mRNA"
    /cultivar="Nackdong"
    /db_xref="taxon:39947"
    /clone="JMT--07-N08"
    /issue_type="leaf"
    /dev_stage="14 days after germination"
    /lab_host="E.coli DH10B"
    /clone_lib="AtJMT-overexpressing transgenic rice plasmid
    cDNA library (JMT)"
    /note="Vector: pCR4-TOP0; Site_1: EcoRI; Oligo-capped mRNA
    was reverse transcribed and then used for PCR. mRNA was
    prepared from Arabidopsis Jasmonate Carboxyl
    methyltransferase overexpression line."
  Query Match
    Best Local Similarity 83.3%; Pred. No. 4.7;
    Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
  Oy
    1279 AGGCGAGAGAC 1290
    |||||
    12 ATGCGAGAGAC 1
  Db
    12 ATGCGAGAGAC 1

```

```

RESULT 8
AJ595953/c
LOCUS          12 bp      DNA          linear      GSS 15-JAN-2004
DEFINITION     Arabidopsis thaliana T-DNA flanking sequence, left border, clone
                426D03, genomic survey sequence.
ACCESSION      AJ595953
VERSION        AJ595953.1  GI:37945581
KEYWORDS       GSS, left border; T-DNA flanking sequence.
SOURCE         Arabidopsis thaliana (thale cress)
ORGANISM       Arabidopsis thaliana
REFERENCE      1
AUTHORS        Brunaud, V., Balzerque, S., Dubreucq, B., Aubourg, S., Samson, F.,
                Chauvin, S., Bechtold, N., Cruaud, C., Derose, R., Pelletier, G.,
                Lepiniec, L., Caboche, M., and Lecharny, A.
                T-DNA integration into the Arabidopsis genome depends on sequences
                of pre-insertion sites
JOURNAL        EMBO Rep. 3 (12), 1152-1157 (2002)
MEDLINE        22363335
PUBMED         12446565
REFERENCE      2 (bases 1 to 12)
AUTHORS        Balzerque, S.
TITLE          Direct Submission
JOURNAL        Submitted (23-OCT-2003) Balzerque S., UMRGV, INRA/CNRS, 2 rue
                Gaston Cremieux, 91057 Evry cedex, FRANCE
                PCR was performed on DNA from transformants of Arabidopsis thaliana
                plants from INRA (Versailles). The DNA fragment(s) resulting from
                the PCR were directly sequenced from the left or the right border
                to determine the genomic sequence flanking the insertion. T-DNA
                derived sequences were removed. Information to order the
                corresponding mutant line and a link to a database providing a
                graphical display of the insertion site are available at
                http://dbsgap.versailles.inra.fr/publiclines/. This sequence has
                been generated in the framework of the French plant genomics
                program 'Genoplante' (http://www.genoplante.com and
                http://genoplante-info.infobiogen.fr).
FEATURES
    source
        1..12
        /organism="Arabidopsis thaliana"
        /mol_type="genomic DNA"
        /cultiivar="Massilllewska"
        /db_xref="taxon:3702"
        /clone="426D03"
        /clone_1lb="Arabidopsis thaliana T-DNA insertion lines"
        1..12
        /note="T-DNA flanking sequence
        left border"
    misc_feature
        Query Match          3.5%; Score 8.8; DB 1; Length 12;
        Best Local Similarity 83.3%; Pred. No. 4.7;
        Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Oy          1402 TGGACAGACCCG 1413
Db          12 TGGCCGACCCG 1

RESULT 9
CL436002
LOCUS          10 bp      DNA          linear      GSS 18-MAR-2004
DEFINITION     PST1100-NR.Seg MICBI Mus musculus genomic clone PST1100-NR.Seg
                similar to 2700016D05Rik, genomic survey sequence.
ACCESSION      CL436002
VERSION        CL436002.1  GI:45570248
KEYWORDS       GSS.
SOURCE         Mus musculus (house mouse)
ORGANISM       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

```

```

REFERENCE      1 (bases 1 to 10)
AUTHORS        Hicks, G.G.
TITLE          www.ESCell.ca
JOURNAL        Unpublished (2002)
COMMENT        Contact: Hicks GG
                Mammalian Functional Genomics Centre
                Manitoba Institute of Cell Biology, University of Manitoba
                ON5029, 675 McDermot Ave, Winnipeg, MB R3E 0V9, Canada
                Tel: 204 787 2133
                Fax: 204 787 2190
                Email: hicksgg@cc.umanitoba.ca
                U3NeosVI gene trap. Tag generated by plasmid rescue. Additional
                sequence information and target gene cloning can be generated. ES
                cell line harboring insertion mutation of target gene is available.
                Sequence analysis available from
                http://140.193.242.7/esdb/public_search_frame.php?PST=PST1100-NR.Se
                q
                Class: Gene Trap.
FEATURES
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Oy          1400 GCTGACAGCA 1409
Db          1 GCAGACAGCA 10

RESULT 10
CL438333
LOCUS          10 bp      DNA          linear      GSS 18-MAR-2004
DEFINITION     PST7292-NL.Seg MICBI Mus musculus genomic clone PST7292-NL.Seg,
                genomic survey sequence.
ACCESSION      CL438333
VERSION        CL438333.1  GI:45574784
KEYWORDS       GSS.
SOURCE         Mus musculus (house mouse)
ORGANISM       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
                1 (bases 1 to 10)
REFERENCE      1
AUTHORS        Hicks, G.G.
TITLE          www.ESCell.ca
JOURNAL        Unpublished (2002)
COMMENT        Contact: Hicks GG
                Mammalian Functional Genomics Centre
                Manitoba Institute of Cell Biology, University of Manitoba
                ON5029, 675 McDermot Ave, Winnipeg, MB R3E 0V9, Canada
                Tel: 204 787 2133
                Fax: 204 787 2190
                Email: hicksgg@cc.umanitoba.ca
                U3NeosVI gene trap. Tag generated by plasmid rescue. Additional
                sequence information and target gene cloning can be generated. ES
                cell line harboring insertion mutation of target gene is available.
                Sequence analysis available from
                http://140.193.242.7/esdb/public_search_frame.php?PST=PST7292-NL.Se
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/notes="Vector: U3NeosV1"

Query Match      3.3%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 4.6;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1233 CAGTCTCTGG 1242
Db      1 CAGTCTCTGG 10

RESULT 11
LOCUS      AJ655617      11 bp      mRNA      linear      EST 28-JUN-2004
DEFINITION      AJ655617 KN277 Sus scrofa cDNA clone C0005190_J23, mRNA sequence.
ACCESSION      AJ655617
VERSION      AJ655617.1 GI:49339649
KEYWORDS      EST.
SOURCE      Sus scrofa
ORGANISM      Sus scrofa (pig)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Cetartiodactyla; Suidae; Suidae; Sus.
1 (bases 1 to 11)
Anderson,S.I., Pinaeyson,H.A. and Archibald,A.L.
Development of cDNA and EST resources for studying reproduction and
embryo development in pigs and cattle
Unpublished (2004)
Contact: Anderson SI
Genomics and Bioinformatics
Roslin Institute
Roslin, Midlothian, EH25 9PS, UNITED KINGDOM
Single pass sequencing. Bases called and trimmed with phred
v0.020425.c. Vector identified by cross match with the -minscore 20
and -mismatch 12 options. Vector:pbluescriptII(SK+) R. Site1: EcoRI
R. Site2: NotI 5' Seg Primer M13p Normalised library constructed
from pooled early embryos, from 8- cell stage to blastocysts.
Clones available from UK Centre for Functional Genomics in Farm
Animals, Roslin Institute, Roslin, Midlothian, UK, EH25 9PS,
www.arkgenomics.org.

FEATURES
source
1..11
location/Qualifiers
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to blastocysts."

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Best Local Similarity 90.0%; Pred. No. 5.4;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1339 AGGCAAGAGA 1348
Db      2 AGGCAAGAGA 11

RESULT 12
LOCUS      CL437573      12 bp      DNA      linear      GSS 18-MAR-2004
DEFINITION      PST5877-NR.Seg MICB1 Mus musculus genomic clone PST5877-NR.Seg

```

```

similar to Akap8, genomic survey sequence.
CL437573
CL437573.1 GI:45573364
GSS.
Mus musculus (house mouse)
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathu; Muridae; Murinae; Mus.
1 (bases 1 to 12)
Hicks,G.G.
www.fscellib.ca
Unpublished (2002)
Contact: Hicks GG
Mammalian Functional Genomics Centre
Manitoba Institute of Cell Biology, University of Manitoba
ON5029, 675 McDermot Ave, Winnipeg, MB R3E 0V9, Canada
Tel: 204 787 2133
Fax: 204 787 2190
Email: hickeg@cc.umanitoba.ca
U3NeosV1 gene trap. Tag generated by plasmid rescue. Additional
sequence information and target gene cloning can be generated. ES
cell line harboring insertion mutation of target gene is available.
Sequence analysis available from
http://140.193.242.7/esdb/public_search_frame.php?PST=PST5877-NR.Se
q
Class: Gene Trap.
Location/Qualifiers
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Best Local Similarity 90.0%; Pred. No. 6.1;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1393 CTGAGCTGCT 1402
Db      12 CAGAGCTGCT 3

RESULT 13
LOCUS      AZ509071      19 bp      DNA      linear      GSS 05-OCT-2000
DEFINITION      IWO351A21R Mouse 10kb plasmid UGCLM library Mus musculus genomic
clone UGCLM0351A21 R, genomic survey sequence.
ACCESSION      AZ509071
VERSION      AZ509071.1 GI:10690387
KEYWORDS      GSS.
SOURCE      Mus musculus (house mouse)
ORGANISM      Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathu; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Irlam,H., Longacre,S., Mahmood,M., Meenen,E., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhausern,A. and Wright,D., Weis,R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
Contact: Robert B. Weis
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA

```

Tel: 801 585 5606  
Fax: 801 585 7177  
Email: ddunn@genetics.utah.edu  
Insert Length: 10000 Std Error: 0.00  
Plate: 0351 row: A column: 21  
Seq primer: CACACAGAAACAGCTATGACC  
Class: plasmid ends  
High quality sequence stop: 19.  
Location/Qualifiers

FEATURES  
source

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/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g1[4732114|gb|AF129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 3.3%; Score 8.4; DB 1; Length 19;  
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Matches 12; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1196 GCCTGTGCAGAGGCAGC 1213  
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Db 19 GCCTGTGCCTGTGCCAGC 2

RESULT 14  
AJ595953 12 bp DNA linear GSS 15-JAN-2004  
LOCUS Arabidopsis thaliana T-DNA flanking sequence, left border, clone  
DEFINITION 426D03, genomic survey sequence.  
ACCESSION AJ595953  
VERSION AJ595953.1 GI:37945581  
KEYWORDS GSS; left border; T-DNA flanking sequence.  
SOURCE Arabidopsis thaliana (thale cress)  
ORGANISM Arabidopsis thaliana

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;  
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;  
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsids.  
1

REFERENCE  
AUTHORS Brunaud, V., Balzerque, S., Dubreucq, B., Aubourg, S., Samson, F.,  
Chauvin, S., Bechtold, N., Cruaud, C., Denose, R., Pelletier, G.,  
Leplintec, L., Caboche, M. and Lecharny, A.  
TITLE T-DNA integration into the Arabidopsis genome depends on sequences  
of pre-insertion sites  
JOURNAL EMBO Rep. 3 (12), 1152-1157 (2002)  
MEDLINE 22363535  
PUBMED 12446565

REFERENCE  
AUTHORS Balzerque, S.  
TITLE Direct Submission  
JOURNAL Submitted (23-OCT-2003) Balzerque S., UMRGV, INRA/CNRS, 2 rue

## COMMENT

Gaston Cremlieux, 91057 Evry cedex, FRANCE  
PCR was performed on DNA from transformants of Arabidopsis thaliana  
plants from INRA (Versailles). The DNA fragment(s) resulting from  
the PCR were directly sequenced from the left or the right border  
to determine the genomic sequence flanking the insertion. T-DNA  
derived sequences were removed. Information to order the  
corresponding mutant line and a link to a database providing a  
graphical display of the insertion site are available at  
<http://dbsgap.versailles.inra.fr/publications/>. This sequence has  
been generated in the framework of the French plant genomics  
program 'Genoplante' (<http://www.genoplante.com> and  
<http://genoplante-info.inrdiogen.fr/>).  
Location/Qualifiers

FEATURES  
source

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left border"

Query Match 3.2%; Score 8; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 7.8;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1247 GGTCCGCGC 1254  
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Db 3 GGTCCGCGC 10

RESULT 15  
CA853359/c 9 bp mRNA linear EST 01-AUG-2003  
LOCUS B07D04.seg cDNA Peking library 12hr SCN3 Glycine max cDNA clone  
DEFINITION B07D04 5', mRNA sequence.  
ACCESSION CA853359  
VERSION CA853359.1 GI:33390152  
KEYWORDS EST.  
SOURCE Glycine max (soybean)  
ORGANISM Glycine max  
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;  
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;  
rosids; eurosids I; Fabales; Fabaceae; Papilionoideae; Phaseoleae;  
Glycine.

REFERENCE  
AUTHORS Alkharouf, N.W., Khan, R. and Matthews, B.F.  
TITLE Analysis of expressed sequence tags from roots of resistant soybean  
infected by the soybean cyst nematode  
JOURNAL Unpublished (2002)  
COMMENT Contact: Alkharouf, N.W.  
Soybean Genomics and Improvement Laboratory (SGIL)  
US Department of Agriculture (USDA), ARS, PSI  
Bldg. 006, Rm 118, 10300 Baltimore Ave., Beltsville, MD 20705-2350,  
USA  
Tel: 301 504 5750  
Fax: 301 504 5728  
Email: [alkharouf@ba.ars.usda.gov](mailto:alkharouf@ba.ars.usda.gov).  
Location/Qualifiers

FEATURES  
source

1..9  
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/mol\_type="mRNA"  
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/dev\_stage="Seedlings"  
/clone\_1lb="cDNA Peking library 12hr SCN3"  
/note="Vector: pBluescript SK-, cDNA clones from mRNA  
extracted from roots of soybean cv. Peking 12 hrs after  
infection by SCN race 3. These are cloned in pBluescript

SK- phagemid. "

Query Match 2.8%; Score 7; DB 1; Length 9;  
Best Local Similarity 100.0%; Pred. No. 31;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1315 AGCAGCT 1321  
|||  
Db 9 AGCAGCT 3

Search completed: December 6, 2004, 18:07:54  
Job time : 0.001 secs

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GenCore version 5.1.6  
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: December 6, 2004, 18:18:16 ; Search time 1 Seconds  
(without alignments)  
3.400 Million cell updates/sec

Title: us-09-993-731-10  
Perfect score: 252  
Sequence: 1 ctgggctcccaagaagcctgt.....gtgctgagcgggccatcatc 252

Scoring table: IDENTITY NUC  
Gapop 10.0 , Gapext 0.5

Searched: 429 seqs, 6746 residues

Total number of hits satisfying chosen parameters: 858

Minimum DB seq length: 8  
Maximum DB seq length: 50

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 438 summaries

Database : rntdb:\*  
Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

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2	16	6.3	20	1	US-09-705-267A-174 Sequence 174, App
3	15.4	6.1	17	1	US-09-866-108A-929 Sequence 929, App
4	15.4	6.1	22	1	US-08-336-708A-6 Sequence 6, Appli
5	15.4	6.1	22	1	PCT-US94-06280-6 Sequence 6, Appli
6	15.2	6.0	20	1	US-08-931-858E-234 Sequence 234, App
7	15.2	6.0	20	1	US-09-220-407-234 Sequence 234, App
8	15.2	6.0	21	1	US-08-338-579A-83 Sequence 83, Appl
9	15.2	6.0	21	1	PCT-US94-09851-83 Sequence 83, Appl
10	14.8	5.9	18	1	US-09-156-979-46 Sequence 46, Appl
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12	14.8	5.9	20	1	US-09-069-886-3 Sequence 3, Appli
13	14.8	5.9	20	1	US-09-069-886-3 Sequence 3, Appli
14	14.8	5.9	20	1	US-08-584-040-5442 Sequence 5442, App
15	14.4	5.7	17	1	US-09-474-432B-669 Sequence 669, App
16	14.4	5.7	17	1	US-09-371-727B-2336 Sequence 2336, App
17	14.4	5.7	17	1	US-09-476-387-668 Sequence 668, App
18	14.4	5.7	17	1	US-09-866-108A-928 Sequence 928, App
19	14.4	5.7	17	1	US-09-866-108A-928 Sequence 928, App
20	14.4	5.7	19	1	US-09-696-791-335 Sequence 335, App
21	14.4	5.7	20	1	US-08-800-215C-12 Sequence 12, Appl
22	14.4	5.7	20	1	US-08-718-388-28 Sequence 28, Appl
23	14.4	5.7	20	1	US-09-607-529-5 Sequence 5, Appli
24	14.4	5.7	20	1	US-09-844-525A-34 Sequence 34, Appl
25	14.4	5.7	20	1	US-09-658-688A-60 Sequence 60, Appl
26	14.4	5.7	20	1	US-09-280-030-45 Sequence 45, Appl
27	14.4	5.7	20	1	US-09-843-376-61 Sequence 61, Appl
28	14.4	5.7	20	1	US-09-956-279-5 Sequence 5, Appli
29	14.2	5.6	20	1	US-08-049-473-13 Sequence 13, Appl
30	14.2	5.6	20	1	US-08-312-648-13 Sequence 13, Appl
31	14.2	5.6	20	1	US-08-688-376-6 Sequence 6, Appli
32	14.2	5.6	20	1	US-09-780-172-71 Sequence 71, Appl
33	14.2	5.6	20	1	PCT-US94-04190-13 Sequence 13, Appl

34	13.8	5.5	17	1	US-08-584-040-3840 Sequence 3840, App
35	13.8	5.5	17	1	US-08-584-040-5441 Sequence 5441, App
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38	13.8	5.5	17	1	US-09-476-387-667 Sequence 667, App
39	13.8	5.5	17	1	US-09-866-108A-927 Sequence 927, App
40	13.8	5.5	17	1	US-09-866-108A-2593 Sequence 2593, App
41	13.8	5.5	17	1	US-09-866-108A-6611 Sequence 6611, App
42	13.8	5.5	17	1	US-09-866-108A-6612 Sequence 6612, App
43	13.8	5.5	17	1	US-09-866-108A-8648 Sequence 8648, App
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47	13.8	5.5	18	1	US-08-584-040-4473 Sequence 4473, App
48	13.8	5.5	18	1	US-09-371-727B-2186 Sequence 2186, App
49	13.8	5.5	19	1	US-08-714-626-6 Sequence 6, Appli
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51	13.8	5.5	19	1	US-08-987-418A-4 Sequence 4, Appli
52	13.8	5.5	19	1	US-09-343-062-4 Sequence 4, Appli
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55	13.4	5.3	17	1	US-08-584-040-3841 Sequence 3841, App
56	13.4	5.3	17	1	US-08-584-040-5443 Sequence 5443, App
57	13.4	5.3	17	1	US-09-371-727B-1608 Sequence 1608, App
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59	13.4	5.3	17	1	US-09-371-727B-6233 Sequence 6233, App
60	13.4	5.3	17	1	US-09-866-108A-931 Sequence 931, App
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62	13.4	5.3	18	1	US-09-280-409-73 Sequence 73, Appl
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64	13.4	5.3	19	1	US-09-696-791-334 Sequence 334, App
65	13.2	5.2	18	1	US-07-626-923A-8 Sequence 8, Appli
66	13.2	5.2	18	1	US-08-585-664B-2493 Sequence 2493, App
67	13.2	5.2	18	1	US-09-256-486-10 Sequence 10, Appl
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71	13.2	5.2	18	1	US-09-038-073-2493 Sequence 76, Appl
72	13.2	5.2	17	1	US-09-071-433-76 Sequence 76, Appl
73	13	5.2	17	1	US-09-866-108A-2589 Sequence 2589, App
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75	13	5.2	17	1	US-09-866-108A-2591 Sequence 2591, App
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77	13	5.2	18	1	US-08-363-240A-1213 Sequence 1213, App
78	13	5.2	18	1	US-08-311-486C-1060 Sequence 1060, App
79	13	5.2	18	1	US-08-117-952-437 Sequence 437, App
80	13	5.2	18	1	US-09-205-922-17 Sequence 17, Appl
81	13	5.2	18	1	US-09-422-978-7227 Sequence 4272, App
82	12.8	5.1	17	1	US-08-584-040-7252 Sequence 7252, App
83	12.8	5.1	17	1	US-09-474-432B-449 Sequence 449, App
84	12.8	5.1	17	1	US-09-474-432B-503 Sequence 503, App
85	12.8	5.1	17	1	US-09-371-727B-3061 Sequence 3061, App
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87	12.8	5.1	17	1	US-09-476-387-7448 Sequence 448, App
88	12.8	5.1	17	1	US-09-476-387-502 Sequence 502, App
89	12.8	5.1	17	1	US-09-866-108A-925 Sequence 925, App
90	12.8	5.1	17	1	US-09-866-108A-1962 Sequence 1962, App
91	12.8	5.1	17	1	US-09-866-108A-1963 Sequence 1963, App
92	12.8	5.1	17	1	US-09-866-108A-2594 Sequence 2594, App
93	12.8	5.1	17	1	US-09-866-108A-6610 Sequence 6610, App
94	12.8	5.1	17	1	US-09-866-108A-6613 Sequence 6613, App
95	12.8	5.1	17	1	US-09-866-108A-7346 Sequence 7346, App
96	12.8	5.1	17	1	US-09-866-108A-7347 Sequence 7347, App
97	12.8	5.1	17	1	US-09-866-108A-7797 Sequence 7797, App
98	12.8	5.1	17	1	US-09-866-108A-7798 Sequence 7798, App
99	12.8	5.1	17	1	US-09-866-108A-8647 Sequence 8647, App
100	12.8	5.1	17	1	US-09-866-108A-8649 Sequence 8649, App
101	12.8	5.1	17	1	US-09-866-108A-9346 Sequence 9346, App
102	12.8	5.1	17	1	US-09-866-108A-9347 Sequence 9347, App
103	12.8	5.1	18	1	US-08-411-796-535 Sequence 535, App
104	12.8	5.1	18	1	US-08-363-240A-1221 Sequence 1221, App
105	12.8	5.1	18	1	US-08-471-039-535 Sequence 535, App
106	12.8	5.1	18	1	US-08-559-390-535 Sequence 535, App

c 107	12.8	5.1	18 1	PCT-US93-11198-535	Sequence 535, App	c 180	11.8	4.7	15 1	US-08-291-932A-40	Sequence 40, Appl
c 108	12.8	5.1	18 1	US-09-705-5187078	Patent No. 5187078	c 181	11.8	4.7	15 1	US-08-291-932A-192	Sequence 192, App
c 109	12.8	5.1	20 1	US-09-733-267A-173	Sequence 173, App	c 182	11.8	4.7	15 1	US-08-585-684B-2046	Sequence 2046, App
c 110	12.4	4.9	17 1	US-08-758-306-1037	Sequence 1037, App	c 183	11.8	4.7	15 1	US-09-038-073-2046	Sequence 2046, App
c 111	12.4	4.9	17 1	US-08-445-515-37	Sequence 37, Appl	c 184	11.8	4.7	15 1	US-09-474-432B-164	Sequence 164, App
c 112	12.4	4.9	17 1	US-09-050-159-45	Sequence 45, Appl	c 185	11.8	4.7	15 1	US-09-451-356C-19	Sequence 19, Appl
c 113	12.4	4.9	17 1	US-09-050-159-51	Sequence 51, Appl	c 186	11.8	4.7	15 1	US-09-476-387-164	Sequence 164, App
c 114	12.4	4.9	17 1	US-08-584-040-3842	Sequence 3842, App	c 187	11.8	4.7	16 1	US-08-291-932A-815	Sequence 815, App
c 115	12.4	4.9	17 1	US-08-679-645-175	Sequence 175, App	c 188	11.8	4.7	16 1	US-09-371-772B-5669	Sequence 5669, App
c 116	12.4	4.9	17 1	US-09-371-772B-1609	Sequence 1609, App	c 189	11.8	4.7	16 1	US-09-371-772B-7077	Sequence 7077, App
c 117	12.4	4.9	17 1	US-09-827-998-1717	Sequence 1717, App	c 190	11.8	4.7	16 1	US-09-371-772B-7112	Sequence 7112, App
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c 132	12.2	4.8	17 1	US-08-758-306-593	Sequence 593, App	c 205	11.4	4.5	15 1	US-08-110-294A-7	Sequence 7, Appl1
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c 137	12.2	4.8	17 1	US-09-401-063-428	Sequence 428, App	c 210	11.4	4.5	15 1	US-08-774-310-228	Sequence 228, App
c 138	12.2	4.8	17 1	US-09-866-108A-1460	Sequence 1460, App	c 211	11.4	4.5	15 1	US-08-760-870-3	Sequence 3, Appl1
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c 154	12.2	4.8	17 1	US-09-866-108A-9231	Sequence 9231, App	c 227	11.4	4.5	16 1	US-09-744-154-7	Sequence 7, Appl1
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c 156	12.2	4.8	17 1	US-09-866-108A-9233	Sequence 9233, App	c 229	11.2	4.4	16 1	US-07-988-194A-12	Sequence 12, Appl1
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c 159	12	4.8	15 1	US-08-291-932A-16	Sequence 16, Appl	c 232	11.2	4.4	16 1	US-08-488-208A-89	Sequence 89, Appl1
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c 161	12	4.8	16 1	US-08-770-235A-28	Sequence 28, Appl	c 234	11.2	4.4	16 1	US-08-479-737-12	Sequence 12, Appl1
c 162	12	4.8	16 1	US-09-364-539-10	Sequence 10, Appl	c 235	11.2	4.4	16 1	US-08-488-223A-89	Sequence 89, Appl1
c 163	12	4.8	17 1	US-08-286-856C-15	Sequence 15, Appl	c 236	11.2	4.4	16 1	US-08-801-308-3	Sequence 3, Appl1
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c 177	12	4.8	17 1	US-09-866-108A-10734	Sequence 10734, A	c 250	11	4.4	15 1	US-08-686-116A-20	Sequence 20, Appl1
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C 234	11	4.4	15	1	US-08-847-108-19	Sequence 19, Appl	327	10.8	4.3	15	1	US-08-585-684B-2099	Sequence 2099, Ap
C 255	11	4.4	15	1	US-08-847-108-20	Sequence 20, Appl	328	10.8	4.3	15	1	US-08-585-684B-2100	Sequence 2100, Ap
C 256	11	4.4	15	1	US-08-686-113A-32	Sequence 32, Appl	329	10.8	4.3	15	1	US-08-585-684B-2295	Sequence 2295, Ap
C 257	11	4.4	15	1	US-08-686-113A-33	Sequence 33, Appl	330	10.8	4.3	15	1	US-08-774-310-427	Sequence 227, Ap
C 258	11	4.4	15	1	US-08-847-095A-19	Sequence 19, Appl	331	10.8	4.3	15	1	US-08-913-833-27	Sequence 27, Appl
C 259	11	4.4	15	1	US-08-847-095A-20	Sequence 20, Appl	332	10.8	4.3	15	1	US-08-913-833-28	Sequence 28, Appl
C 260	11	4.4	15	1	US-08-311-486C-33	Sequence 33, Appl	333	10.8	4.3	15	1	US-09-105-515-1	Sequence 1, Appl
C 261	11	4.4	15	1	US-08-311-486C-34	Sequence 34, Appl	334	10.8	4.3	15	1	US-09-064-156A-363	Sequence 363, Ap
C 262	11	4.4	15	1	US-08-311-486C-35	Sequence 35, Appl	335	10.8	4.3	15	1	US-09-071-845-58	Sequence 58, Appl
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C 265	11	4.4	15	1	US-08-311-486C-544	Sequence 544, App	338	10.8	4.3	15	1	US-09-071-845-595	Sequence 595, App
C 266	11	4.4	15	1	US-08-311-486C-621	Sequence 621, App	339	10.8	4.3	15	1	US-09-071-845-589	Sequence 689, App
C 267	11	4.4	15	1	US-08-311-486C-622	Sequence 622, App	340	10.8	4.3	15	1	US-09-377-310-0-80	Sequence 30, Appl
C 268	11	4.4	15	1	US-08-585-684B-1358	Sequence 1358, Ap	341	10.8	4.3	15	1	US-09-038-073-678	Sequence 678, App
C 269	11	4.4	15	1	US-09-038-073-1358	Sequence 1358, Ap	342	10.8	4.3	15	1	US-09-038-073-679	Sequence 679, App
C 270	11	4.4	15	1	US-09-081-646-306	Sequence 306, App	343	10.8	4.3	15	1	US-09-038-073-680	Sequence 680, App
C 271	11	4.4	15	1	US-08-686-114B-32	Sequence 32, Appl	344	10.8	4.3	15	1	US-09-038-073-797	Sequence 797, App
C 272	11	4.4	15	1	US-08-686-114B-33	Sequence 33, Appl	345	10.8	4.3	15	1	US-09-038-073-798	Sequence 798, App
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C 278	11	4.4	15	1	US-09-230-088-19	Sequence 19, Appl	351	10.8	4.3	15	1	US-09-038-073-2099	Sequence 2099, Ap
C 279	11	4.4	15	1	US-09-230-088-20	Sequence 20, Appl	352	10.8	4.3	15	1	US-09-038-073-2100	Sequence 2100, Ap
C 280	11	4.4	15	1	US-09-152-059-10	Sequence 10, Appl	353	10.8	4.3	15	1	US-09-038-073-2295	Sequence 2295, Ap
C 281	11	4.4	15	1	US-09-152-059-11	Sequence 11, Appl	354	10.8	4.3	15	1	US-09-054-832-29	Sequence 29, Appl
C 282	11	4.4	15	1	US-09-152-059-12	Sequence 12, Appl	C 355	10.8	4.3	15	1	US-09-054-832-295	Sequence 25, Appl
C 283	11	4.4	15	1	US-09-152-059-13	Sequence 13, Appl	356	10.8	4.3	15	1	US-09-580-794C-27	Sequence 27, Appl
C 284	11	4.4	15	1	US-09-152-059-14	Sequence 14, Appl	357	10.8	4.3	15	1	US-09-580-794C-28	Sequence 28, Appl
C 285	11	4.4	15	1	US-09-152-059-15	Sequence 15, Appl	358	10.8	4.3	15	1	US-09-081-646-62	Sequence 62, Appl
C 286	11	4.4	15	1	US-09-152-059-20	Sequence 20, Appl	359	10.8	4.3	15	1	US-09-081-646-103	Sequence 103, App
C 287	11	4.4	15	1	US-09-152-059-21	Sequence 21, Appl	360	10.8	4.3	15	1	US-09-081-646-104	Sequence 104, App
C 288	11	4.4	15	1	US-09-152-059-53	Sequence 53, Appl	C 361	10.8	4.3	15	1	US-09-081-646-150	Sequence 150, App
C 289	10.8	4.3	14	1	US-08-623-471-10	Sequence 10, Appl	C 362	10.8	4.3	15	1	US-09-081-646-118	Sequence 218, App
C 290	10.8	4.3	14	1	US-08-232-087A-6	Sequence 6, Appl	C 363	10.8	4.3	15	1	US-09-081-646-231	Sequence 231, App
C 291	10.8	4.3	14	1	US-08-613-417A-29	Sequence 29, Appl	C 364	10.8	4.3	15	1	US-09-081-646-441	Sequence 441, App
C 292	10.8	4.3	14	1	US-08-594-452-29	Sequence 29, Appl	C 365	10.8	4.3	15	1	US-09-081-646-465	Sequence 465, App
C 293	10.8	4.3	14	1	US-08-913-833-17	Sequence 17, Appl	C 366	10.8	4.3	15	1	US-09-081-646-574	Sequence 574, App
C 294	10.8	4.3	14	1	US-08-913-833-26	Sequence 26, Appl	367	10.8	4.3	15	1	US-09-081-646-833	Sequence 833, App
C 295	10.8	4.3	14	1	US-09-258-408-29	Sequence 29, Appl	C 368	10.8	4.3	15	1	US-09-081-646-855	Sequence 855, App
C 296	10.8	4.3	14	1	US-09-196-132-29	Sequence 29, Appl	C 369	10.8	4.3	15	1	US-09-748-044-1	Sequence 1, Appl
C 297	10.8	4.3	14	1	US-08-765-340-120	Sequence 120, App	C 370	10.8	4.3	15	1	US-09-640-953-29	Sequence 29, Appl
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C 301	10.8	4.3	14	1	US-09-943-983C-17	Sequence 17, Appl	C 374	10.8	4.3	17	1	US-09-866-108A-8650	Sequence 8650, Ap
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C 303	10.8	4.3	15	1	US-08-133-248-3	Sequence 3, Appl	C 376	10.6	4.2	17	1	US-09-866-108A-10730	Sequence 10730, A
C 304	10.8	4.3	15	1	US-08-311-760A-227	Sequence 227, App	377	10.4	4.1	12	1	US-08-494-301A-17	Sequence 17, Appl
C 305	10.8	4.3	15	1	US-08-182-968A-363	Sequence 363, App	378	10.4	4.1	12	1	US-08-723-052-1	Sequence 1, Appl
C 306	10.8	4.3	15	1	US-08-291-932A-79	Sequence 79, Appl	379	10.4	4.1	12	1	US-09-106-182-21	Sequence 21, Appl
C 307	10.8	4.3	15	1	US-08-363-240A-73	Sequence 73, Appl	380	10.4	4.1	12	1	US-09-274-625-1	Sequence 1, Appl
C 308	10.8	4.3	15	1	US-08-363-240A-74	Sequence 74, Appl	381	10.4	4.1	12	1	US-09-095-485-2	Sequence 2, Appl
C 309	10.8	4.3	15	1	US-08-311-486C-670	Sequence 670, App	382	10.4	4.1	12	1	US-09-274-624-1	Sequence 1, Appl
C 310	10.8	4.3	15	1	US-08-292-620A-58	Sequence 58, Appl	383	10.4	4.1	12	1	US-09-400-322-1	Sequence 1, Appl
C 311	10.8	4.3	15	1	US-08-292-620A-108	Sequence 108, App	384	10.4	4.1	12	1	US-09-227-357-8	Sequence 8, Appl
C 312	10.8	4.3	15	1	US-08-292-620A-494	Sequence 494, App	385	10.4	4.1	12	1	US-09-724-594-1	Sequence 1, Appl
C 313	10.8	4.3	15	1	US-08-292-620A-595	Sequence 595, App	386	10.4	4.1	12	1	US-09-280-839-11	Sequence 11, Appl
C 314	10.8	4.3	15	1	US-08-292-620A-689	Sequence 689, App	387	10.4	4.1	12	1	US-09-724-595-11	Sequence 11, Appl
C 315	10.8	4.3	15	1	US-08-774-306A-363	Sequence 363, App	388	10.4	4.1	12	1	US-09-479-729B-28	Sequence 1, Appl
C 316	10.8	4.3	15	1	US-08-353-476-4	Sequence 4, Appl	389	10.4	4.1	12	1	US-09-257-179-8	Sequence 8, Appl
C 317	10.8	4.3	15	1	US-08-585-684B-678	Sequence 678, App	390	10.4	4.1	12	1	US-09-724-600-1	Sequence 1, Appl
C 318	10.8	4.3	15	1	US-08-585-684B-679	Sequence 679, App	391	10.4	4.1	12	1	US-09-149-476-8	Sequence 8, Appl
C 319	10.8	4.3	15	1	US-08-585-684B-680	Sequence 680, App	392	10.4	4.1	12	1	US-09-288-143-8	Sequence 8, Appl
C 320	10.8	4.3	15	1	US-08-585-684B-797	Sequence 797, App	393	10.4	4.1	12	1	US-09-487-792-30	Sequence 30, Appl
C 321	10.8	4.3	15	1	US-08-585-684B-798	Sequence 798, App	394	10.4	4.1	12	1	US-09-152-060-8	Sequence 8, Appl
C 322	10.8	4.3	15	1	US-08-585-684B-1359	Sequence 1359, Ap	395	10.4	4.1	12	1	US-09-908-594-30	Sequence 30, Appl
C 323	10.8	4.3	15	1	US-08-585-684B-1645	Sequence 1645, Ap	396	10.4	4.1	12	1	US-09-461-325-8	Sequence 8, Appl
C 324	10.8	4.3	15	1	US-08-585-684B-1646	Sequence 1646, Ap	397	10.4	4.1	12	1	US-09-489-847-8	Sequence 8, Appl
C 325	10.8	4.3	15	1	US-08-585-684B-1647	Sequence 1647, Ap	398	10.4	4.1	12	1	US-09-231-788-23	Sequence 23, Appl

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399 10.4 4.1 12 1 US-09-512-363-24 Sequence 24, Appl
400 10.4 4.1 12 1 US-09-176-200-24 Sequence 24, Appl
401 10.4 4.1 12 1 US-09-205-258-8 Sequence 8, Appl
402 10.4 4.1 12 1 US-08-301-037-4 Sequence 4, Appl
403 10.4 4.1 12 1 US-08-466-539-4 Sequence 4, Appl
404 10.4 4.1 12 1 US-09-690-454-8 Sequence 8, Appl
405 10.4 4.1 12 1 US-09-482-271-16 Sequence 16, Appl
406 10.4 4.1 12 1 US-09-482-273-8 Sequence 8, Appl
407 10.4 4.1 12 1 US-09-904-615-8 Sequence 8, Appl
408 10.4 4.1 12 1 US-09-369-247-8 Sequence 8, Appl
409 10.4 4.1 12 1 US-09-148-545-8 Sequence 8, Appl
410 10.4 4.1 12 1 US-09-564-829-31 Sequence 31, Appl
411 10.4 4.1 12 1 US-09-572-406B-26 Sequence 26, Appl
412 10.4 4.1 12 1 US-09-800-729-8 Sequence 8, Appl
413 10.4 4.1 12 1 US-09-557-170A-19 Sequence 19, Appl
414 10.4 4.1 12 1 US-09-369-248A-11 Sequence 11, Appl
415 10.4 4.1 12 1 US-10-012-342-8 Sequence 8, Appl
416 10.4 4.1 12 1 US-09-716-129-8 Sequence 8, Appl
417 10.4 4.1 12 1 US-08-466-699-4 Sequence 4, Appl
418 10.4 4.1 12 1 US-10-153-064-30 Sequence 30, Appl
419 10.4 4.1 12 1 US-09-915-593-24 Sequence 24, Appl
420 10.4 4.1 12 1 US-10-115-123-8 Sequence 8, Appl
421 10.4 4.1 13 1 US-08-353-476-3 Sequence 3, Appl
422 10.4 4.1 13 1 US-08-913-833-19 Sequence 19, Appl
423 10.4 4.1 13 1 US-09-336-228B-7 Sequence 7, Appl
424 10.4 4.1 13 1 US-09-580-794C-12 Sequence 12, Appl
425 10.4 4.1 13 1 US-09-474-432B-92 Sequence 92, Appl
426 10.4 4.1 13 1 US-09-772-315-7 Sequence 7, Appl
427 10.4 4.1 13 1 US-08-407-620A-27 Sequence 27, Appl
428 10.4 4.1 13 1 US-09-476-387-92 Sequence 92, Appl
429 10.4 4.1 13 1 US-09-943-983C-19 Sequence 19, Appl
430 10.4 4.1 14 1 US-08-722-001-32 Sequence 32, Appl
431 10.4 4.1 14 1 US-08-985-162-1800 Sequence 1800, Ap
432 10.4 4.1 14 1 US-09-275-850-23 Sequence 23, Appl
433 10.4 4.1 14 1 US-09-475-947A-278 Sequence 278, App
434 10.4 4.1 14 1 US-08-301-037-1 Sequence 1, Appl
435 10.4 4.1 14 1 US-08-466-539-1 Sequence 1, Appl
436 10.4 4.1 14 1 US-09-401-063-1800 Sequence 1800, Ap
437 10.4 4.1 14 1 US-09-874-601-3 Sequence 3, Appl
438 10.4 4.1 14 1 US-08-466-699-1 Sequence 1, Appl
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## ALIGNMENTS

```
RESULT 1
US-09-705-267A-173
; Sequence 173, Application US/09705267A
; Patent No. 6551826
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
; FILE REFERENCE: RTS-0211
; CURRENT APPLICATION NUMBER: US/09/705,267A
; CURRENT FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 173
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-705-267A-173
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```
Query Match 6.3%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 25;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy 1227 CTCGACATGTCGTGG 1242
Db 1 CTCGACATGTCGTGG 16
```

```
RESULT 2
US-09-705-267A-174
; Sequence 174, Application US/09705267A
; Patent No. 6551826
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
; FILE REFERENCE: RTS-0211
; CURRENT APPLICATION NUMBER: US/09/705,267A
; CURRENT FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 174
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-705-267A-174

Query Match 6.3%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 25;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1227 CTCGACATGTCGTGG 1242
Db 4 CTCGACATGTCGTGG 19
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RESULT 3
US-09-866-108A-929
; Sequence 929, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 929
```

LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-929

Query Match 6.1%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 22;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1264 AGCTGAAGAGCTGAG 1280  
DB 1 AGCTGAAGAGCTGAG 17

RESULT 4  
US-08-336-708A-6  
Sequence 6, Application US/08336708A  
Patent No. 5521295  
GENERAL INFORMATION:  
APPLICANT: Pacificl, Robert E.  
APPLICANT: Thomason, Arlen R.  
TITLE OF INVENTION: Hybrid Receptor Molecules  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Amgen Inc.  
STREET: 1840 Dehavilland Drive  
CITY: Thousand Oaks  
STATE: California  
COUNTRY: USA  
ZIP: 91320-1789  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/336,708A  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Oleaki, Nancy  
REFERENCE/DOCKET NUMBER: A-241A  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
US-08-336-708A-6

Query Match 6.1%; Score 15.4; DB 1; Length 22;  
Best Local Similarity 94.1%; Pred. No. 44;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1256 GCAGCAACGCTGAG 1272  
DB 2 GCAGCAACGCTGAG 18

RESULT 5  
PCT-US94-06280-6  
Sequence 6, Application PC/TUS9406280  
GENERAL INFORMATION:  
APPLICANT: Amgen Inc.  
TITLE OF INVENTION: Hybrid Receptor Molecules  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Amgen Inc.  
STREET: Amgen Center  
STREET: 1840 Dehavilland Drive  
CITY: Thousand Oaks

STATE: California  
COUNTRY: USA  
ZIP: 91320-1789  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 in., DS, 1.4 MB  
COMPUTER: Apple Macintosh  
OPERATING SYSTEM: Macintosh OS 7.0.  
SOFTWARE: Microsoft Word Version 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/06280  
FILING DATE:  
CLASSIFICATION:  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single stranded  
TOPOLOGY: linear  
PCT-US94-06280-6

Query Match 6.1%; Score 15.4; DB 1; Length 22;  
Best Local Similarity 94.1%; Pred. No. 44;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1256 GCAGCAACGCTGAG 1272  
DB 2 GCAGCAACGCTGAG 18

RESULT 6  
US-08-931-858E-234/C  
Sequence 234, Application US/08931858E  
Patent No. 622022  
GENERAL INFORMATION:  
APPLICANT: JOHNSON, EUGENE M  
APPLICANT: MILBRANDT, JEFFREY D  
APPLICANT: KOTZBAUER, PAUL T  
APPLICANT: LAMPE, PATRICIA A  
APPLICANT: KLEIN, ROBERT  
APPLICANT: DESAUVAGE, FRED  
TITLE OF INVENTION: PERSEPHIN AND RELATED GROWTH FACTOR  
NUMBER OF SEQUENCES: 239  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: HOWELL & HAFERKAMP, L.C.  
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400  
CITY: ST. LOUIS  
STATE: MO  
COUNTRY: USA  
ZIP: 63105  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/931,858E  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: HOLLAND, DONALD R.  
REGISTRATION NUMBER: 35,197  
REFERENCE/DOCKET NUMBER: 971486  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 314-727-5188  
TELEFAX: 314-727-6092  
INFORMATION FOR SEQ ID NO: 234:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-931-858E-234

Query Match 6.0%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 38;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1239 CTGGCAGTGTCCGCGTGCA 1258  
DB 20 CTGGCGCTGGCCCGCGTGCA 1

RESULT 7  
US-09-220-407-234/c  
Sequence 234, Application US/09220407  
Patent No. 6716600  
GENERAL INFORMATION:  
APPLICANT: JOHNSON, EUGENE M  
APPLICANT: MILLERANDT, JEFFREY D  
APPLICANT: KOTZBAUER, PAUL T  
APPLICANT: LAMPE, PATRICIA A  
APPLICANT: KLEIN, ROBERT  
APPLICANT: DESAUVAGE, FRED  
TITLE OF INVENTION: PERSEPHIN AND RELATED GROWTH FACTOR  
NUMBER OF SEQUENCES: 239  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: HOWELL & HAFERKAMP, L.C.  
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400  
CITY: ST. LOUIS  
STATE: MO  
COUNTRY: USA  
ZIP: 63105  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/220,407  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/931,858  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: HOLLAND, DONALD R.  
REGISTRATION NUMBER: 35,197  
REFERENCE/DOCKET NUMBER: 971486  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 314-727-6092  
TELEFAX: 314-727-5188  
INFORMATION FOR SEQ ID NO: 234:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-09-220-407-234

Query Match 6.0%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 38;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1239 CTGGCAGTGTCCGCGTGCA 1258  
DB 20 CTGGCGCTGGCCCGCGTGCA 1

RESULT 8  
US-08-338-579A-83  
Sequence 83, Application US/08338579A  
Patent No. 6068975  
GENERAL INFORMATION:  
APPLICANT: Gilliam, T. Conrad

APPLICANT: Tanzi, Rudolph E.  
TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S  
DISEASE GENE  
NUMBER OF SEQUENCES: 107  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooper & Dunham  
STREET: 1185 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: United States of America  
ZIP: 10036

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/338,579A  
FILING DATE: June 17, 1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 0575/44011-A-PCT-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 278-0400  
TELEFAX: (212) 391-0525  
TELEX:  
INFORMATION FOR SEQ ID NO: 83:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-338-579A-83

Query Match 6.0%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 43;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1261 AACAGCTGAAGAGGCTGAG 1280  
DB 2 AACGTGTGAAGAGGCTCAG 21

RESULT 9  
PCT-US94-09851-83  
Sequence 83, Application PC/TUS9409851  
GENERAL INFORMATION:  
APPLICANT: Gilliam, T. Conrad  
APPLICANT: Tanzi, Rudolph E.  
TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S  
DISEASE GENE  
NUMBER OF SEQUENCES: 92  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooper & Dunham  
STREET: 30 Rockefeller Plaza  
CITY: New York  
STATE: New York  
COUNTRY: United States of America  
ZIP: 10112  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/09851  
FILING DATE:  
CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 05/5/44011-PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 977-9550  
TELEFAX: (212) 664-0525  
INFORMATION FOR SEQ ID NO: 83:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
PCT-US94-09851-83

Query Match 6.0%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 43;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1261 AACAGCTGGAAGAGGCTGAG 1280  
Db 2 AACTGTGGAAGAGGCTCAG 21

RESULT 10  
US-09-156-979-46/c  
Sequence 46, Application US/09156979  
Patent No. 5962672  
GENERAL INFORMATION:  
APPLICANT: Coweart, Lex M.  
TITLE OF INVENTION: ANTISENSE MODULATION OF RHOB EXPRESSION  
FILE REFERENCE: RTS-0013  
CURRENT APPLICATION NUMBER: US/09/156,979  
CURRENT FILING DATE: 1998-09-18  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 46  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-156-979-46

Query Match 5.9%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 36;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1251 CGGCTGCAGCAACAGCTG 1268  
Db 18 CGGCTGCATCAACTGCTG 1

RESULT 11  
US-09-387-341-107/c  
Sequence 107, Application US/09387341  
Patent No. 6410323  
GENERAL INFORMATION:  
APPLICANT: Roberts, M. Luisa  
TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene  
FILE REFERENCE: ISPH-0404  
CURRENT APPLICATION NUMBER: US/09/387,341  
CURRENT FILING DATE: 1999-08-31  
EARLIER APPLICATION NUMBER: 09/156,424  
EARLIER FILING DATE: 1998-09-18  
EARLIER APPLICATION NUMBER: 09/156,979  
EARLIER FILING DATE: 1998-09-18  
EARLIER APPLICATION NUMBER: 09/156,807

EARLIER FILING DATE: 1998-09-18  
EARLIER APPLICATION NUMBER: 09/161,015  
EARLIER FILING DATE: 1998-09-25  
NUMBER OF SEQ ID NOS: 233  
SOFTWARE: Patent Ver. 2.0  
SEQ ID NO 107  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-387-341-107

Query Match 5.9%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 36;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1251 CGGCTGCAGCAACAGCTG 1268  
Db 18 CGGCTGCATCAACTGCTG 1

RESULT 12  
US-09-069-886-3/c  
Sequence 3, Application US/09069886  
Patent No. 6132724  
GENERAL INFORMATION:  
APPLICANT: Blum, Kenneth  
APPLICANT: Comings, David E.  
APPLICANT: Ivy, John L.  
TITLE OF INVENTION: ALLELIC POLYGENE DIAGNOSIS OF REWARD  
TITLE OF INVENTION: DEFICIENCY SYNDROME AND TREATMENT  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: TX  
COUNTRY: USA  
ZIP: 77210-4433  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/069,886  
FILING DATE: Concurrently Herewith  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Hodgins, Daniel S.  
REGISTRATION NUMBER: 31,026  
REFERENCE/DOCKET NUMBER: BLUM:002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (512) 418-3000  
TELEFAX: (512) 474-7577  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-069-886-3

Query Match 5.9%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 47;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1366 AGGCTTACCAAGACAGC 1383  
Db 18 AGGTTAACAAGACAGC 1

RESULT 13  
US-09-069-886-29/C  
Sequence 29, Application US/09069886  
Patent No. 6132724  
GENERAL INFORMATION:  
APPLICANT: Blum, Kenneth  
APPLICANT: Comings, David E.  
APPLICANT: Ivy, John L.  
TITLE OF INVENTION: ALLELIC POLYGENE DIAGNOSIS OF REWARD  
TITLE OF INVENTION: DEFICIENCY SYNDROME AND TREATMENT  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: TX  
COUNTRY: USA  
ZIP: 77210-4433  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/069,886  
FILING DATE: Concurrently Herewith  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Hodgins, Daniel S.  
REGISTRATION NUMBER: 31,026  
REFERENCE/DOCKET NUMBER: BLUM:002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (512)418-3000  
TELEFAX: (512)474-7577  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-069-886-29

Query Match 5.9%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 47;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1366 AGGCTTACCAGAGCAGC 1383  
DB 18 AGGTTTACAGAGCAGC 1

RESULT 14  
US-08-584-040-5442  
Sequence 5442, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McGswigen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.

ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Marburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 5442:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-5442

Query Match 5.7%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 62.5%; Pred. No. 38;  
Matches 10; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

OY 1301 CAGGTCATCTGAG 1316  
DB 1 CAUGGUCUCUGUGAG 16

RESULT 15  
US-09-474-432B-669/C  
Sequence 669, Application US/09474432B  
Patent No. 6528640  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Burgin, Alex  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpelesky, Alex  
APPLICANT: Adams, Jasenka  
APPLICANT: Sweedler, David  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot:  
FILE REFERENCE: M8B00-831-B (247/276)  
CURRENT APPLICATION NUMBER: US/09/474,432B  
PRIOR FILING DATE: 1999-12-19  
PRIOR APPLICATION NUMBER: US 60/064,866  
PRIOR FILING DATE: 1997-11-05  
PRIOR APPLICATION NUMBER: US 60/084,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: US 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: US 09/301,511  
PRIOR FILING DATE: 1999-04-28  
NUMBER OF SEQ ID NOS: 1526  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 669  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-474-432B-669

Query Match 5.7%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 38;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1266 CTGGAAGAGCTGAGG 1281

DB 17 CTGGAAGAGCTGAGG 2

RESULT 16

US-09-371-772B-2336  
; Sequence 2336, Application US/09371772B  
; Patent No. 6566127

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: MCGWIGEN, Jim

; APPLICANT: ESCOBEDO, Jaime

; APPLICANT: STINCHCOMB, Dan

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

; FILE REFERENCE: MHB00, 876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B

; PRIOR FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; PRIOR FILING DATE: 1996-01-08

; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 2336

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Mus sp.

US-09-371-772B-2336

Query Match 5.7%; Score 14.4; DB 1; Length 17;

Best Local Similarity 62.5%; Pred. No. 38;

Matches 10; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 1301 CATGTCATCTGTGAG 1316

DB 1 CAUGGUCUCUGUGAG 16

RESULT 17

US-09-476-387-668/C  
; Sequence 668, Application US/09476387  
; Patent No. 6617438

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: BEISELMAN, Leo

; APPLICANT: BEAUDRY, Amber

; APPLICANT: KARPELSKY, Alex

; APPLICANT: ADAMIC, Jasenka Matulic

; APPLICANT: SWEEDLER, Dave

; APPLICANT: ZIMMER, Shawn

; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot

; FILE REFERENCE: MHB00-831-C (249/073)

; CURRENT APPLICATION NUMBER: US/09/476,387

; PRIOR FILING DATE: 2001-04-04

; PRIOR APPLICATION NUMBER: 09/474,432

; PRIOR FILING DATE: 1999-12-29

; PRIOR APPLICATION NUMBER: 09/301,511

; PRIOR FILING DATE: 1999-04-28

; PRIOR APPLICATION NUMBER: 09/186,675

; PRIOR FILING DATE: 1998-11-04

; PRIOR APPLICATION NUMBER: 60/083,727

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/064,866

; NUMBER OF SEQ ID NOS: 1524

; SOFTWARE: PatentIn version 3.0

; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-668

Query Match 5.7%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 38;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1266 CTGGAAGAGCTGAGG 1281

DB 17 CTGGAAGAGCTGAGG 2

RESULT 18

US-09-866-108A-928  
; Sequence 928, Application US/09866108A  
; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharon G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wenheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: ABOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; PRIOR FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263,6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 928

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-928

Query Match 5.7%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 38;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1264 AGCTGAAGAGCTGA 1279

DB 2 AGCTGAAGAGCTGA 17

RESULT 19

US-09-866-108A-930  
; Sequence 930, Application US/09866108A  
; Patent No. 6686188

GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yizhong  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: A60MICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: A60mica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 930  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-930

Query Match 5.7%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 38;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1265 GCTGAAGAGGCTGAG 1280  
DB 1 GCTGAAGAGGCTGAG 16

RESULT 20  
US-09-696-791-335/C  
Sequence 335, Application US/09696791  
Patent No. 6770633  
GENERAL INFORMATION:  
APPLICANT: Robbins, Joan M.  
APPLICANT: Tritz, Richard  
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
TITLE OF INVENTION: SKIN AND EYE DISEASES  
FILE REFERENCE: 480124.407  
CURRENT APPLICATION NUMBER: US/09/696,791  
CURRENT FILING DATE: 2000-10-25  
NUMBER OF SEQ ID NOS: 4523  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 335  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: Cdk3 ribozyme binding site  
US-09-696-791-335

Query Match 5.7%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 51;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1260 CAACGCTGGAAGAGG 1275  
DB 19 CACGAGCTGAAGAGG 4

RESULT 21  
US-08-800-215C-12/C  
Sequence 12, Application US/08800215C  
Patent No. 6238915  
GENERAL INFORMATION:  
APPLICANT: CHIHARA, Kazuo  
TITLE OF INVENTION: MUTANT HUMAN GROWTH HORMONES AND THEIR  
TITLE OF INVENTION: USES  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JACOBSON, PRICE, HOLMAN & STERN  
STREET: The Jenifer Building, 400 Seventh St. N.W.  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/800,215C  
FILING DATE: 12-FEB-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP JP/50940/96  
FILING DATE: 18-JUN-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP JP/178643/96  
FILING DATE: 18-JUN-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Player, William E.  
REGISTRATION NUMBER: 31,409  
REFERENCE/DOCKET NUMBER: 10890/PE0840US0  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-638-6666  
TELEFAX: 202-393-5350  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-800-215C-12

Query Match 5.7%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 59;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 AGGCGAGCTGAGGCTT 1371  
DB 20 AGGCGAGCTGAGGCTT 5

RESULT 22  
US-08-718-388-28  
Sequence 28, Application US/08718388  
Patent No. 6271362  
GENERAL INFORMATION:  
APPLICANT: MORIKAWA, MINORU  
APPLICANT: HARADA, NAOKI  
TITLE OF INVENTION: GENE ENCODING IGG PC REGION-BINDING  
US-08-718-388-28



TITLE OF INVENTION: PROTEIN  
NUMBER OF SEQUENCES: 29  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH  
STREET: PO BOX 747  
CITY: FALLS CHURCH  
STATE: VA  
COUNTRY: USA  
ZIP: 22040-0747  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/718,388  
FILING DATE:  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: MURPHY JR, GERALD M  
REGISTRATION NUMBER: 28,977  
REFERENCE/DOCKET NUMBER: 0230-111  
TELEPHONE: (703) 205-8000  
TELEFAX: (703) 205-8050  
INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
US-08-718-388-28

Query Match 5.7%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 59;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1200 GTGCAGAGGCGCCCA 1215  
DB 3 GTGCAGAGGCGCCCA 18

RESULT 23  
US-09-607-529-5  
Sequence 5, Application US/09607529  
Patent No. 6465247  
GENERAL INFORMATION:  
APPLICANT: Irving Weissman  
APPLICANT: David Traver  
APPLICANT: Koichi Akashi  
TITLE OF INVENTION: MAMMALIAN MYELOID PROGENITOR CELL  
FILE REFERENCE: STAN-126  
SUBSETS  
CURRENT APPLICATION NUMBER: US/09/607,529  
CURRENT FILING DATE: 2000-06-29  
PRIOR APPLICATION NUMBER: 60/141,421  
PRIOR FILING DATE: 1999-06-29  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 5  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-607-529-5

Query Match 5.7%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 59;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1389 TTTCGTGAGCTGCTGG 1404  
TTTTTTTTTTTTTTTT

DB 5 TTTCGTGAGCTGCTGG 20  
RESULT 24  
US-09-844-525A-34/C  
Sequence 34, Application US/09844525A  
Patent No. 6468796  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Andrew T. Watt  
TITLE OF INVENTION: ANTISENSE MODULATION OF BIFUNCTIONAL APOPTOSIS REGULATOR EXPRESSION  
FILE REFERENCE: RTS-0230  
CURRENT APPLICATION NUMBER: US/09/844,525A  
CURRENT FILING DATE: 2001-08-20  
NUMBER OF SEQ ID NOS: 90  
SEQ ID NO 34  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-844-525A-34

Query Match 5.7%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 59;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1240 TGGCAGTGTCTCCGCT 1255  
DB 19 TGGCAGTGTCTCTGCT 4

RESULT 25  
US-09-658-688A-60  
Sequence 60, Application US/09658688A  
Patent No. 6498035  
GENERAL INFORMATION:  
APPLICANT: Donna T. Ward  
APPLICANT: William Gaarde  
APPLICANT: Brett P. Monia  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF MEK3 EXPRESSION  
FILE REFERENCE: RTS-0143  
CURRENT APPLICATION NUMBER: US/09/658,688A  
CURRENT FILING DATE: 2000-09-08  
NUMBER OF SEQ ID NOS: 8  
SEQ ID NO 60  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-658-688A-60

Query Match 5.7%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 59;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 AGGCGAGCTGAGGCTT 1371  
DB 2 AGGCGAGCTGAGGATT 17

RESULT 26  
US-09-280-030-45/C  
Sequence 45, Application US/09280030A  
Patent No. 6506595  
GENERAL INFORMATION:  
APPLICANT: Sato, Seiji  
APPLICANT: Higashikuni, Naohiko  
APPLICANT: Kudo, Toshiyuki  
APPLICANT: Kondo, Masaaki  
TITLE OF INVENTION: DNAS ENCODING NEW FUSION PROTEINS AND PROCESSES FOR

;; TITLE OF INVENTION: PREPARING USEFUL POLYPEPTIDES THROUGH EXPRESSION OF THE  
;; FILE OF INVENTION: DNAS  
;; FILE REFERENCE: 382.1026  
;; CURRENT APPLICATION NUMBER: US/09/280,030A  
;; CURRENT FILING DATE: 1999-03-26  
;; EARLIER APPLICATION NUMBER: JP10-87339/1998  
;; EARLIER FILING DATE: 1998-03-31  
;; NUMBER OF SEQ ID NOS: 66  
;; SOFTWARE: PatentIn Ver. 2.0  
;; SEQ ID NO 45  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
;; PUBLICATION INFORMATION:  
;; JOURNAL: Science  
;; VOLUME: 205  
;; PAGES: 602-607  
;; DATE: 1979  
;; US-09-280-030-45

Query Match 5.7%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 59;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1356 AGGCGAGCTGAGGCTT 1371  
DB 20 AGGCGAGCTGTGGCTT 5

RESULT 27  
US-09-843-376-61  
;; Sequence 61, Application US/09843376  
;; Patent No. 6566132  
;; GENERAL INFORMATION:  
;; APPLICANT: C. Frank Bennett  
;; APPLICANT: Andrew T. Wate  
;; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 1 EXPRESSION  
;; FILE REFERENCE: RTS-0234  
;; CURRENT APPLICATION NUMBER: US/09/843,376  
;; CURRENT FILING DATE: 2001-04-26  
;; NUMBER OF SEQ ID NOS: 88  
;; SEQ ID NO 61  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Antisense Oligonucleotide  
;; US-09-843-376-61

Query Match 5.7%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 59;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1256 GCAGCAACAGCTGGAA 1271  
DB 1 GCAGCAACACTGGAA 16

RESULT 28  
US-09-956-279-5  
;; Sequence 5, Application US/09956279  
;; Patent No. 6761883  
;; GENERAL INFORMATION:  
;; APPLICANT: Weisman, Irving L.  
;; APPLICANT: Traver, David Jeffrey  
;; APPLICANT: Akashi, Koichi  
;; TITLE OF INVENTION: MAMMALIAN MYELOID PROGENITOR CELL  
;; FILE REFERENCE: STAN126CIP  
;; CURRENT APPLICATION NUMBER: US/09/956,279  
;; CURRENT FILING DATE: 2001-09-17  
;; PRIOR APPLICATION NUMBER: 09/607,529  
;; PRIOR FILING DATE: 2000-06-29

;; PRIOR APPLICATION NUMBER: 60/141,421  
;; PRIOR FILING DATE: 1999-06-29  
;; NUMBER OF SEQ ID NOS: 6  
;; SOFTWARE: FastSeq for Windows Version 4.0  
;; SEQ ID NO 5  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
;; US-09-956-279-5

Query Match 5.7%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 59;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1389 TTTCGTAGCTGCTGG 1404  
DB 5 TTTCGTAGCTGCTGG 20

RESULT 29  
US-08-049-473-13/C  
;; Sequence 13, Application US/08049473  
;; Patent No. 5386021  
;; GENERAL INFORMATION:  
;; APPLICANT: Moss, Joel  
;; APPLICANT: Mishima, Koichi  
;; APPLICANT: Nishigale, Maria  
;; APPLICANT: Tsuchiya, Mikako  
;; TITLE OF INVENTION: A MAMMALIAN GUANIN NUCLEOTIDE BINDING  
;; TITLE OF INVENTION: PROTEIN WITH AN ADP-RIBOSYLATION FACTOR DOMAIN  
;; NUMBER OF SEQUENCES: 34  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: KNOBE, MARTENS, OLSON AND BEAR  
;; STREET: 620 NEWPORT CENTER DRIVE SIXTEENTH FLOOR  
;; CITY: NEWPORT BEACH  
;; STATE: CA  
;; COUNTRY: USA  
;; ZIP: 92660  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/049,473  
;; FILING DATE: 19930419  
;; CLASSIFICATION: 436  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Fuller, Michael L.  
;; REGISTRATION NUMBER: 36,516  
;; REFERENCE/DOCKET NUMBER: NIH050.001CP1  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 619-235-8550  
;; TELEFAX: 619-235-0176  
;; INFORMATION FOR SEQ ID NO: 13:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 20 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: cDNA  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: NO  
;; US-08-049-473-13

Query Match 5.6%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 65;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1298 TGCATGCTATCTGTGAG 1316  
DB 20 TGCATGCTATCTGTGAG 2

RESULT 30  
US-08-312-648-13/C  
Sequence 13, Application US/08312648  
Patent No. 5514600  
GENERAL INFORMATION:  
APPLICANT: Moss, Joel  
APPLICANT: Mishima, Koichi  
APPLICANT: Nishitani, Maria  
APPLICANT: Tsuchiya, Mikako  
TITLE OF INVENTION: A MAMMALIAN GUANIN NUCLEOTIDE BINDING  
TITLE OF INVENTION: PROTEIN WITH AN ADP-RIBOSYLATION FACTOR DOMAIN  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR  
STREET: 620 NEWPORT CENTER DRIVE SIXTEENTH FLOOR  
CITY: NEWPORT BEACH  
STATE: CA  
COUNTRY: USA  
ZIP: 92660  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/312,648  
FILING DATE:  
CLASSIFICATION: 436  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/049,473  
FILING DATE: 19-APR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Fuller, Michael L.  
REGISTRATION NUMBER: 36,516  
REFERENCE/DOCKET NUMBER: NIH050.001DVI  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-235-8550  
TELEFAX: 619-235-0176  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-312-648-13

Query Match 5.6%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 65;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1298 TGCCATGTCATCTGTGAG 1316  
DB 20 TCCTATGCCATCATGTAG 2

RESULT 31  
US-08-688-376-6/C  
Sequence 6, Application US/08688376  
Patent No. 6018039  
GENERAL INFORMATION:  
APPLICANT: Satow, Hiroyasu  
TITLE OF INVENTION: NOVEL PROCESS FOR PRODUCING SUBSTANCES  
TITLE OF INVENTION: IN MAMMARY GLAND OF TRANSGENIC ANIMAL BY USING MC26 GENE  
TITLE OF INVENTION: EXPRESSION-REGULATORY REGION  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: DILWORTH & BARRESE  
STREET: 4350 LaJolla Village Drive, Suite 300  
CITY: San Diego

STATE: CA  
COUNTRY: USA  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/688,376  
FILING DATE: 30-JUL-1996  
CLASSIFICATION: 800  
ATTORNEY/AGENT INFORMATION:  
NAME: Pepper, Frederick W.  
REGISTRATION NUMBER: 31,286  
REFERENCE/DOCKET NUMBER: 567-3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-546-4410  
TELEFAX: 619-453-2839  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "Synthetic DNA"  
US-08-688-376-6

Query Match 5.6%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 65;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1349 CTTTCCGAGGCGAGCTGAG 1367  
DB 19 CTTTCCCTGGAGAGCAGAG 1

RESULT 32  
US-09-780-172-71/C  
Sequence 71, Application US/09780172  
Patent No. 6607916  
GENERAL INFORMATION:  
APPLICANT: Susan M. Freiler  
APPLICANT: Robert McKay  
TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA EXPRESSION  
FILE REFERENCE: RTS-0159  
CURRENT APPLICATION NUMBER: US/09/780,172  
CURRENT FILING DATE: 2001-02-08  
NUMBER OF SEQ ID NOS: 96  
SEQ ID NO 71  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-780-172-71

Query Match 5.6%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 65;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1190 CCAGAGCCTGTGCAGAG 1208  
DB 19 CCGATGCGCTGAGCAGAG 1

RESULT 33  
PCT-US94-04190-13/C  
Sequence 13, Application PC/TUS9404190  
GENERAL INFORMATION:  
APPLICANT: The Government of the United States of America

APPLICANT: as represented by the Secretary, Department  
of Health and Human Services  
TITLE OF INVENTION: A MAMMALIAN GUANIN NUCLEOTIDE BINDING  
PROTEIN WITH AN ADP-RIBOSYLATION FACTOR DOMAIN  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR  
STREET: 620 NEWPORT CENTER DRIVE SIXTEENTH FLOOR  
CITY: NEWPORT BEACH  
STATE: CA  
COUNTRY: USA  
ZIP: 92660  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/04190  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Fuller, Michael L.  
REGISTRATION NUMBER: 36,516  
REFERENCE/DOCKET NUMBER: NIH050.001QPC  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-235-8550  
TELEFAX: 619-235-0176  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
PCT-US94-04190-13

Query Match 5.6%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 65;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1298 TGCCATGTCATCTGTGAG 1316  
Db 20 TGCTATGCCATCATGTGAG 2

RESULT 34  
US-08-584-040-3840  
Sequence 3840, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
CONDITIONS RELATED TO LEVELS  
OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 3840:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-3840

Query Match 5.5%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 53;  
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 1299 GCCATGTCATCTGTGA 1315  
Db 1 GGCAUGGUCUUCUGCA 17

RESULT 35  
US-08-584-040-5441  
Sequence 5441, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
CONDITIONS RELATED TO LEVELS  
OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:

```

; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5441:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-5441

Query Match          5.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 53;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY      1299 GCCATGCTCATCTGTGA 1315
DB      1 GCGAUGGUCUCUGUGA 17

RESULT 36
; Sequence 668, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelsky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBHB00-831-B (247/276)
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 668
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-474-432B-668.

Query Match          5.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 53;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1268 GGAAGAGCGTGAAGGCA 1284
DB      17 GGAAGAGCGTGAAGTCA 1

RESULT 37
; Sequence 1607, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
```

```

; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00,876-J (237/198)
; CURRENT FILING DATE: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1607
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-1607

Query Match          5.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 53;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY      1299 GCCATGCTCATCTGTGA 1315
DB      1 GCGAUGGUCUCUGUGA 17

RESULT 38
; Sequence 667, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelsky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBHB00-831-C (249/073)
; CURRENT FILING DATE: US/09/476,387
; PRIOR APPLICATION NUMBER: US 60/044,432
; PRIOR FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 667
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-476-387-667

Query Match          5.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 53;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1268 GGAAGAGCGTGAAGGCA 1284
DB      17 GGAAGAGCGTGAAGTCA 1

RESULT 39
```

```
US-09-866-108A-927
; Sequence 927, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeo mica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 927
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-927

Query Match      5.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 53;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1262 ACAGCTGGAAGAGGCTG 1278
Db      1 AGAGCTGAAGAGGCTG 17

RESULT 40
US-09-866-108A-2593
; Sequence 2593, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
```

```
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeo mica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2593
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2593

Query Match      5.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 53;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1293 CAGGTGCATGTCAT 1309
Db      1 CAGGTGCATGTCAT 17

RESULT 41
US-09-866-108A-6611/c
; Sequence 6611, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
```

NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 6611  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-6611

Query Match 5.5%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 53;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1222 AGAAGCTCCAGCATGTG 1238  
17 AGAGCTTCAGCATGTG 1

RESULT 42  
US-09-866-108A-6612/c  
Sequence 6612, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 6612  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-6612

Query Match 5.5%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 53;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1221 CAGAACTCCGCGCATGT 1237  
17 CAGAGCTTCAGCATGT 1

RESULT 43  
US-09-866-108A-8648  
Sequence 8648, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8648  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8648

Query Match 5.5%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 53;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1254 CTGACGACACGCTGCA 1270  
1 CTGACGCTGCAGCTGCA 17

RESULT 44  
US-08-585-684B-2592/c  
Sequence 2592, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California

COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2592:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-2592

Query Match 5.5%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 61;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1266 CTGGAAGAGCTGAGGG 1282  
Db 18 CTGGGGAGGCTGAGGG 2

RESULT 45  
US-09-213-719-34  
Sequence 34, Application US/09213719B  
Patent No. 6150162  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
TITLE OF INVENTION: ANTISENSE MODULATION OF CD44 EXPRESSION  
FILE REFERENCE: RTS-0006  
CURRENT APPLICATION NUMBER: US/09/213, 719B  
CURRENT FILING DATE: 1998-12-17  
NUMBER OF SEQ ID NOS: 91  
SEQ ID NO 34  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-213-719-34

Query Match 5.5%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 61;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1401 CTGACAGACCGCGGTGC 1417  
Db 1 CTGACATAGCGGGTGC 17

RESULT 46  
US-09-038-073-2592/C  
Sequence 2592, Application US/09038073  
Patent No. 6194150  
GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/038, 073  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/585,684  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2592:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-038-073-2592

Query Match 5.5%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 61;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1266 CTGGAAGAGCTGAGGG 1282  
Db 18 CTGGGGAGGCTGAGGG 2

RESULT 47  
US-08-584-040-4473/C  
Sequence 4473, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:

APPLICANT: McSwigen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California



COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Wardburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 4473:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-4473

Query Match 5.5%: Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 61;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1267 TGAAGAGGCTGAGGCGC 1283  
Db 17 TGGCAGAGGCTGTGGGC 1

RESULT 48  
US-09-371-772B-2186/c  
Sequence 2186, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MHB00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 2186  
LENGTH: 18  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-2186

Query Match 5.5%: Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 61;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 1267 TGAAGAGGCTGAGGCGC 1283  
Db 17 TGGCAGAGGCTGTGGGC 1

Db 17 TGGCAGAGGCTGTGGGC 1

RESULT 49  
US-08-714-626-6  
Sequence 6, Application US/08714626  
Patent No. 5698400  
GENERAL INFORMATION:  
APPLICANT: Cotton, Richard G.H.  
APPLICANT: Youll, Rima  
APPLICANT: Kemper, Borries W.  
TITLE OF INVENTION: Detection of Mutation by  
TITLE OF INVENTION: Resolvase Cleavage  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: U.S.A.  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM PS/2 Model 502 or 55SX  
OPERATING SYSTEM: MS-DOS (Version 5.0)  
SOFTWARE: WordPerfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/714,626  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/232,530  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Clark, Paul T.  
REGISTRATION NUMBER: 30,162  
REFERENCE/DOCKET NUMBER: 06253/002001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 542-5070  
TELEFAX: (617) 542-8906  
TELEX: 200154  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-714-626-6

Query Match 5.5%: Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 71;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1245 GTGGTCGGCTGCAGCA 1261  
Db 3 GAGGTGGGCTGCAGCA 19

RESULT 50  
US-08-922-169-6  
Sequence 6, Application US/08922169  
Patent No. 5958692  
GENERAL INFORMATION:  
APPLICANT: Cotton, Richard G.H.  
APPLICANT: Youll, Rima  
APPLICANT: Kemper, Borries W.  
TITLE OF INVENTION: Detection of Mutation by  
TITLE OF INVENTION: Resolvase Cleavage  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson  
STREET: 225 Franklin Street  
CITY: Boston

```
/ STATE: Massachusetts
/ COUNTRY: U.S.A.
/ ZIP: 02110-2804
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ COMPUTER: IBM PS/2 Model 50Z or 55SX
/ OPERATING SYSTEM: MS-DOS (Version 5.0)
/ SOFTWARE: WordPerfect (Version 5.1)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/922,169
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/232,530
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Clark, Paul T.
/ REGISTRATION NUMBER: 30,162
/ REFERENCE/DOCKET NUMBER: 06253/002001
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 542-5070
/ TELEFAX: (617) 542-8906
/ TELEX: 200154
/ INFORMATION FOR SEQ ID NO: 6:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-08-922-169-6
```

```
Query Match 5.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 71;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
OY 1245 GTGTCGGCTGACCA 1261
Db 3 GAGGTGGGCTGACCA 19
```

```
RESULT 51
US-08-987-418A-4
/ Sequence 4, Application US/08987418A
/ Patent No. 6046316
/ GENERAL INFORMATION:
/ APPLICANT: Trikha, Mohit
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Smith, Deann F.
/ REGISTRATION NUMBER: 36,683
/ REFERENCE/DOCKET NUMBER: 4981-097401
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (248) 641-1600
/ TELEFAX: (248) 641-0270
/ INFORMATION FOR SEQ ID NO: 4:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/
US-09-343-062-4
```

```
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/
US-08-987-418A-4
```

```
Query Match 5.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 71;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY 1266 CTGGAAGAGGCTGAGG 1282
Db 1 CTGGAAGAGGCTGAGG 17
```

```
RESULT 52
US-09-343-062-4
/ Sequence 4, Application US/09343062
/ Patent No. 6218514
/ GENERAL INFORMATION:
/ APPLICANT: Trikha, Mohit
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Smith, Deann F.
/ REGISTRATION NUMBER: 36,683
/ REFERENCE/DOCKET NUMBER: 4981-097401
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (248) 641-1600
/ TELEFAX: (248) 641-0270
/ INFORMATION FOR SEQ ID NO: 4:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/
US-09-343-062-4
```

```
Query Match 5.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 71;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY 1266 CTGGAAGAGGCTGAGG 1282
Db 1 CTGGAAGAGGCTGAGG 17
```

RESULT 53  
US-09-696-791-2381  
Sequence 2381, Application US/09696791  
Patent No. 6770633  
GENERAL INFORMATION:  
APPLICANT: Robbins, Joan M.  
APPLICANT: Triltz, Richard  
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
TITLE OF INVENTION: SKIN AND EYE DISEASES  
FILE REFERENCE: 480124.407  
CURRENT APPLICATION NUMBER: US/09/696,791  
CURRENT FILING DATE: 2000-10-25  
NUMBER OF SEQ ID NOS: 4523  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 2381  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: Cyclin F ribozyme binding site  
US-09-696-791-2381  
Query Match 5.5%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 71;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1271 AGAGCTGAGGCGAG 1287  
DB 3 AGAGCTGAGGCGAG 19  
RESULT 54  
PCT-US95-04852-6  
Sequence 6, Application PC/TUS9504852  
GENERAL INFORMATION:  
APPLICANT: Applied Technology Genetics  
APPLICANT: Corporation  
TITLE OF INVENTION: Detection of Mutation by  
TITLE OF INVENTION: Resolvase Cleavage  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: U.S.A.  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM PS/2 Model 502 or 55SX  
OPERATING SYSTEM: MS-DOS (Version 5.0)  
SOFTWARE: WordPerfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/04852  
FILING DATE: 21 April 1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/232,530  
FILING DATE: 25 April 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Clark, Paul T.  
REGISTRATION NUMBER: 30,162  
REFERENCE/DOCKET NUMBER: 06253/002WO1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 542-5070  
TELEFAX: (617) 542-8906  
TELEX: 200154  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19  
TYPE: nucleic acid  
STRANDEDNESS: single

TOPOLOGY: linear  
PCT-US95-04852-6  
Query Match 5.5%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 71;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1245 GTGGTCGGCTGCAGCA 1261  
DB 3 GAGTCCGGCTGCAGCA 19  
RESULT 55  
US-08-584-040-3841  
Sequence 3841, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwigen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 3841:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-3841  
Query Match 5.3%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 60.0%; Pred. No. 65;  
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;  
QY 1301 CATGTCATCTGTGA 1315  
DB 1 CAUGGUCUCUGUGA 15

```

RESULT 56
US-08-584-040-5443
; Sequence 5443, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60//005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Waiburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5443:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-584-040-5443
Query Match          5.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 65;
Matches      9; Conservative   5; Mismatches    1; Indels     0; Gaps     0;
QY      1302 ATGTCATCTGTGAG 1316
       |||:||:||||
Db      1 AUGGUUCUUGUGAG 15

RESULT 57
US-09-371-772B-1608
; Sequence 1608, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

```

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FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1608
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1608

Query Match          5.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 65;
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      1301 CATGTCATCTGTGA 1315
Db      1 CAUGGUCUCUGUGA 15

RESULT 58
US-09-371-772B-2337
Sequence 2337, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2337
LENGTH: 17
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-2337

Query Match          5.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 65;
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      1302 ATGTCATCTGTGAG 1316
Db      1 AVEGUCUCUGUGAG 15

RESULT 59
US-09-371-772B-6233
Sequence 6233, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-J (237/198)

```

```

; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent version 3.0
; SEQ ID NO 6233
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6233

Query Match          5.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 65;
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Qy      1301 CATGTCATCTGTGA 1315
Db      2 CAUGGUCUUCUGCA 16

RESULT 60
US-09-866-108A-931
; Sequence 931, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: HANZEL, Sharon G.
; APPLICANT: RANK, David K.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See file Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 931
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-931

Query Match          5.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 65;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

Qy      1266 CTGGAAGAGGCTGAG 1280
Db      1 CTGAAGAGGCTGAG 15

RESULT 61
US-09-357-072-16/c
; Sequence 16, Application US/09357072
; Patent No. 6015712
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Brenda F. Baker
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowseart
; TITLE OF INVENTION: ANTISENSE MODULATION OF FADD EXPRESSION
; FILE REFERENCE: RTS-0027
; CURRENT APPLICATION NUMBER: US/09/357,072
; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 16
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-072-16

Query Match          5.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 76;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1326 GACCTCTTCTCCAG 1340
Db      15 GACCTCTTCTCAG 1

RESULT 62
US-09-280-409-73/c
; Sequence 73, Application US/09280409
; Patent No. 6107092
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseart
; APPLICANT: C. Frank Bennett
; APPLICANT: Bert W. O'Malley
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
; FILE REFERENCE: RTS-0048
; CURRENT APPLICATION NUMBER: US/09/280,409
; CURRENT FILING DATE: 1999-03-29
; NUMBER OF SEQ ID NOS: 146
; SEQ ID NO 73
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-280-409-73

Query Match          5.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 76;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1254 CTGCAGCAGCAGCTG 1268
Db      17 CTGCAGCAGCAGCTG 3

RESULT 63
US-09-823-549-44/c
; Sequence 44, Application US/09823549
; Patent No. 6664442
; GENERAL INFORMATION:
; APPLICANT: McConlogue, Lisa C
; APPLICANT: Games, Kate D.
```

APPLICANT: Yednock, Theodore A.  
APPLICANT: Hua, Tan  
APPLICANT: Messersmith, Elizabeth  
APPLICANT: Bard, Frederique  
TITLE OF INVENTION: SCREENING MARKERS AND METHODS FOR NEURODEGENERATIVE DISORDERS  
FILE REFERENCE: 015270-009110US  
CURRENT APPLICATION NUMBER: US/09/823,549  
CURRENT FILING DATE: 2001-03-30  
PRIOR APPLICATION NUMBER: US 60/193,847  
PRIOR FILING DATE: 2000-03-30  
NUMBER OF SEQ ID NOS: 85  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 44  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: IL-10 reverse primer  
US-09-823-549-44

Query Match 5.3%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 87;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1286 AGACCTCAGGATGC 1300  
Db 16 AGACCTCAGGATGC 2

RESULT 64  
US-09-696-791-334/c  
Sequence 334, Application US/09696791  
Patent No. 6770633  
GENERAL INFORMATION:  
APPLICANT: Robbins, Joan M.  
APPLICANT: Tittlez, Richard  
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
TITLE OF INVENTION: SKIN AND EYE DISEASES  
FILE REFERENCE: 480124.407  
CURRENT APPLICATION NUMBER: US/09/696,791  
CURRENT FILING DATE: 2000-10-25  
NUMBER OF SEQ ID NOS: 4523  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 334  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: Cdk3 ribozyme binding site  
US-09-696-791-334

Query Match 5.3%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 87;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1261 AACAGCTGAAGAGG 1275  
Db 19 AGCAGCTGAAGAGG 5

RESULT 65  
US-07-626-923A-8/c  
Sequence 8, Application US/07626923A  
GENERAL INFORMATION:  
APPLICANT: Yoshimura, Akiniko  
APPLICANT: Longmore, Gregory D.  
APPLICANT: Lodish, Harvey  
TITLE OF INVENTION: MUTANT EPO RECEPTOR AND USES  
TITLE OF INVENTION: THEREFOR  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESS: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.  
STREET: Two Militia Drive

CITY: Lexington  
STATE: Massachusetts  
COUNTRY: U.S.A.  
ZIP: 02173  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/626,923A  
FILING DATE: 13 December 1990  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Granahan, Patricia  
REGISTRATION NUMBER: 32,227  
REFERENCE/DOCKET NUMBER: WH190-08  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 861-9540  
TELEFAX: (617) 861-6240  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULAR TYPE: DNA (genomic)  
US-07-626-923A-8

Query Match 5.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 84;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1291 CTCAGGTGCCATGATCA 1308  
Db 18 CTCAGAGGCCCAAGTCA 1

RESULT 66  
US-08-585-684B-2493/c  
Sequence 2493, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 613 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Waidburg, Richard  
REGISTRATION NUMBER: 32,327

```

; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2493:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-2493

Query Match          5.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1256 GCACGACAGCGCTGGAAGA 1273
Db      18 GCACCAAGAGCGTGAAGA 1

RESULT 67
US-09-256-496-10
; Sequence 10, Application US/09256496
; Patent No. 5998206
; GENERAL INFORMATION:
; APPLICANT: Lex M. Coweart
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-12 EXPRESSION
; FILE REFERENCE: RTS-0056
; CURRENT APPLICATION NUMBER: US/09/256,496
; CURRENT FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-256-496-10

Query Match          5.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1264 AGCTGGAGAGCGCTGAGC 1281
Db      1 AGCAGCGACGCGCTGAGC 18

RESULT 68
US-09-280-409-120/c
; Sequence 120, Application US/09280409
; Patent No. 6107092
; GENERAL INFORMATION:
; APPLICANT: Lex M. Coweart
; APPLICANT: C. Frank Bennett
; APPLICANT: Bert W. O'Malley
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
; FILE REFERENCE: RTS-0048
; CURRENT APPLICATION NUMBER: US/09/280,409
; CURRENT FILING DATE: 1999-03-29
; NUMBER OF SEQ ID NOS: 146
; SEQ ID NO 120
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-280-409-120

Query Match          5.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 84;
```

```

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1378 AGCAGCTGCTTTGGCTG 1395
Db      18 AGCAGCTGTGTTGGATG 1

RESULT 69
US-09-213-719-88
; Sequence 88, Application US/09213719B
; Patent No. 6150162
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Coweart
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD44 EXPRESSION
; FILE REFERENCE: RTS-0006
; CURRENT APPLICATION NUMBER: US/09/213,719B
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 88
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-719-88

Query Match          5.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1185 GAGTCCGAGAGCGCTGTG 1202
Db      1 GTCTCCAGAGCATCTG 18

RESULT 70
US-09-487-444-30/c
; Sequence 30, Application US/09487444
; Patent No. 6159697
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Coweart
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION
; FILE REFERENCE: RTS-0133
; CURRENT APPLICATION NUMBER: US/09/487,444
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 30
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-444-30

Query Match          5.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1405 ACAGACCGGCTGCTGAGC 1422
Db      18 ACAGAGCTGTAGCTGAGC 1

RESULT 71
US-09-038-073-2493/c
; Sequence 2493, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
```

```
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
/ TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
/ NUMBER OF SEQUENCES: 2751
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 MB
/ MEDIUM TYPE: Storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FASTSEQ Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/038,073
/ FILING DATE:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/585,684
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/078
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 2493:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-09-038-073-2493

Query Match          5.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1256 GCAGCAGACCTGGAAGA 1273
Db      18 GCACCAAGAGCTGAAGA 1

RESULT 72
US-09-071-433-76/c
/ Sequence 76, Application US/09071433A
/ Patent No. 6197584
/ GENERAL INFORMATION:
/ APPLICANT: Bennett, C. Frank
/ APPLICANT: Cowsett, Lex M
/ TITLE OF INVENTION: Antisense Modulation of CD40 Expression
/ FILE REFERENCE: RTS-0002
/ CURRENT APPLICATION NUMBER: US/09/071,433A
/ NUMBER OF SEQ ID NOS: 91
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 76
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-071-433-76

Query Match          5.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      1337 CAGGCAGAGACTTCC 1354
Db      18 CAGTCAGAGACTTAC 1

RESULT 73
US-09-866-108A-2589
/ Sequence 2589, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSTIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ABOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263,6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 1575
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 2589
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-2589

Query Match          5.2%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 81;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1293 CAGGTCGCAATGG 1305
Db      5 CAGGTCGCAATGG 17

RESULT 74
US-09-866-108A-2590
/ Sequence 2590, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
```



```

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2590
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2590

Query Match          5.2%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 81;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1293 CAGGTGCGCATGG 1305
Db      4 CAGGTGCGCATGG 16

RESULT 75
US-09-866-108A-2591
; Sequence 2591, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2592
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2592

Query Match          5.2%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 81;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1293 CAGGTGCGCATGG 1305
Db      3 CAGGTGCGCATGG 15
```

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; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2591
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2591

Query Match          5.2%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 81;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1293 CAGGTGCGCATGG 1305
Db      3 CAGGTGCGCATGG 15

RESULT 76
US-09-866-108A-2592
; Sequence 2592, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2592
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2592

Query Match          5.2%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 81;
```

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1293 CAGGATGCCATGG 1305  
|||||  
Db 2 CAGGATGCCATGG 14

RESULT 77  
US-08-363-240A-1213/C  
; Sequence 1213, Application US/08363240A  
; Patent No. 5705388  
; GENERAL INFORMATION:  
; APPLICANT: Couture, Larry  
; APPLICANT: McSwigen, James  
; APPLICANT: Bisgaier, Charles  
; APPLICANT: Pape, Michael  
; TITLE OF INVENTION: METHOD AND REAGENT FOR  
; TITLE OF INVENTION: PREVENTION, INHIBITION OF  
; TITLE OF INVENTION: PROGRESSION AND REGRESSION  
; TITLE OF INVENTION: OF VASCULAR DISEASES  
; NUMBER OF SEQUENCES: 1243  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/363,240A  
; FILING DATE: December 23, 1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Wardburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 210/096  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1213:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-363-240A-1213

Query Match 5.2%; Score 13; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 94;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1389 TTTGCTGAGTGC 1401  
|||||  
Db 17 TTTGCTGAGTGC 5

RESULT 78  
US-08-311-486C-1060/C  
; Sequence 1060, Application US/08311486C  
; Patent No. 5811300  
; GENERAL INFORMATION:  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth Draper

APPLICANT: Kevin Kisch  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwigen  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: TNF-  
; NUMBER OF SEQUENCES: 1157  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/311,486C  
; FILING DATE: September 23, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Wardburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/166  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1060:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-311-486C-1060

Two

Query Match 5.2%; Score 13; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 94;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1269 GAAGAGGCTGAG 1281  
|||||  
Db 15 GAAGAGGCTGAG 3

RESULT 79  
US-08-117-952-437/C  
; Sequence 437, Application US/08117952  
; Patent No. 5851760  
; GENERAL INFORMATION:  
; APPLICANT: Evans, Glen A.  
; APPLICANT: Smith, Michael W.  
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE  
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES  
; NUMBER OF SEQUENCES: 797  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark  
; STREET: 444 South Flower Street, Suite 2000  
; CITY: Los Angeles  
; STATE: CA

```
/ COUNTRY: USA
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: floppy disk
/ OPERATING SYSTEM: IBM PC compatible
/ SOFTWARE: Patent Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/117,952
/ FILING DATE: 07-SEP-1993
/ CLASSIFICATION: 435
/ PRIORITY APPLICATION DATA:
/ APPLICATION NUMBER: US 08/078,471
/ FILING DATE: 15-JUN-1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Reiter, Stephen E.
/ REGISTRATION NUMBER: 31,192
/ REFERENCE/DOCKET NUMBER: P41 9423
/ TELEPHONE: 619-546-4737
/ TELEFAX: 619-546-9392
/ INFORMATION FOR SEQ ID NO: 437:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: Oligonucleotide
/ HYPOTHEICAL: NO
/ ANTI-SENSE: NO
US-08-117-952-437
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```
Query Match 5.2% Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 94;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1200 GTGCAGAGGCGAG 1212
Db 18 GTGCAGAGGCGAG 6
```

```
RESULT 80
US-09-205-922-17/c
/ Sequence 17, Application US/09205922
/ Patent No. 5951455
/ GENERAL INFORMATION:
/ APPLICANT: Lex M. Cowsett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-11 EXPRESSION
/ FILE REFERENCE: RTS-0030
/ CURRENT APPLICATION NUMBER: US/09/205,922
/ CURRENT FILING DATE: 1998-12-04
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 17
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-922-17
```

```
Query Match 5.2% Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 94;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1375 AGAAGCAGCTGCG 1387
Db 18 AGAAGCAGCTGCG 6
```

```
RESULT 81
US-09-422-978-4727/c
/ Sequence 4727, Application US/09422978
/ Patent No. 6537751
```

```
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumentfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ CURRENT FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 4727
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..18
/ OTHER INFORMATION: upstream amplification primer 99-17363 for SEQ 793,
US-09-422-978-4727
```

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Query Match 5.2% Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 94;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1327 ACCTCTTCTCCAA 1339
Db 13 ACCTCTTCTCCAA 1
```

```
RESULT 82
US-08-584-040-7252/c
/ Sequence 7252, Application US/08584040
/ Patent No. 6346398
/ GENERAL INFORMATION:
/ APPLICANT: Pavco, Pamela
/ APPLICANT: McSwigen, James
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: word perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIORITY APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Wardburg, Richard J.
/ REGISTRATION NUMBER: 32,327
```

```

; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7252:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7252

Query Match          5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 90;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1280 GGGCAGAGACCCCTCAG 1295
      |||||
Db      16 GGGCAGAGACCATGAG 1

RESULT 83
US-09-474-432B-449
; Sequence 449, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelsky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 449
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-474-432B-449

Query Match          5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 90;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      1392 GCTGAGCTGCTGAGACA 1407
      ||:|:|:|
Db      1 GCUCGCGUCGCGAGACA 16

RESULT 84
US-09-474-432B-503
; Sequence 503, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber

; APPLICANT: Karpelsky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 503
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-474-432B-503

Query Match          5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 90;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      1305 GTCACTGTAGACAGC 1320
      ||:|:|:|
Db      2 GGCAUCUGAGCUCG 17

RESULT 85
US-09-371-772B-3061/C
; Sequence 3061, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Payco, Pam
; APPLICANT: McGwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3061
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
; US-09-371-772B-3061

Query Match          5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 90;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1280 GGGCAGAGACCCCTCAG 1295
      |||||
Db      16 GGGCAGAGACCATGAG 1

RESULT 86
US-09-371-772B-6458/C
; Sequence 6458, Application US/09371772B
; Patent No. 6566127
```

```
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: McSwigen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
/ FILE REFERENCE: MHB00.876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ PRIOR FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14225
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 6458
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-371-772B-6458

Query Match          5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 90;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1267 TCGAAGAGCTGTGAGG 1282
Db      16  TGGCAGAGCTGTGAG 1

RESULT 87
US-09-476-387-448
/ Sequence 448, Application US/09476387
/ Patent No. 6617438
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Beigelman, Leo
/ APPLICANT: Beaudry, Amber
/ APPLICANT: Karpelsky, Alex
/ APPLICANT: Adamic, Jasenka Matulic
/ APPLICANT: Sweedler, Dave
/ APPLICANT: Zinnen, Shawn
/ TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
/ FILE REFERENCE: MHB00-831-C (249/073)
/ CURRENT APPLICATION NUMBER: US/09/476,387
/ PRIOR FILING DATE: 2001-04-04
/ PRIOR APPLICATION NUMBER: 09/474,432
/ PRIOR FILING DATE: 1999-12-29
/ PRIOR APPLICATION NUMBER: 09/301,511
/ PRIOR FILING DATE: 1999-04-28
/ PRIOR APPLICATION NUMBER: 09/186,675
/ PRIOR FILING DATE: 1998-11-04
/ PRIOR APPLICATION NUMBER: 60/083,727
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/064,866
/ PRIOR FILING DATE: 1997-11-05
/ NUMBER OF SEQ ID NOS: 1524
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 448
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-476-387-448

Query Match          5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 90;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
```

```
RESULT 88
US-09-476-387-502
/ Sequence 502, Application US/09476387
/ Patent No. 6617438
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Beigelman, Leo
/ APPLICANT: Beaudry, Amber
/ APPLICANT: Karpelsky, Alex
/ APPLICANT: Adamic, Jasenka Matulic
/ APPLICANT: Sweedler, Dave
/ APPLICANT: Zinnen, Shawn
/ TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
/ FILE REFERENCE: MHB00-831-C (249/073)
/ CURRENT APPLICATION NUMBER: US/09/476,387
/ PRIOR FILING DATE: 2001-04-04
/ PRIOR APPLICATION NUMBER: 09/474,432
/ PRIOR FILING DATE: 1999-12-29
/ PRIOR APPLICATION NUMBER: 09/301,511
/ PRIOR FILING DATE: 1999-04-28
/ PRIOR APPLICATION NUMBER: 09/186,675
/ PRIOR FILING DATE: 1998-11-04
/ PRIOR APPLICATION NUMBER: 60/083,727
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/064,866
/ PRIOR FILING DATE: 1997-11-05
/ NUMBER OF SEQ ID NOS: 1524
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 502
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-476-387-502

Query Match          5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 90;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy      1305 GTCATCTGTGAGCAGC 1320
Db      2  GGCAUCUGAGCUGC 17

RESULT 89
US-09-866-108A-926
/ Sequence 926, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ABOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263,6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
```

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; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 926
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-926
```

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Query Match      5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 90;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      1262 ACAGCTGAGAGAGGCT 1277
Db      2 AGAGCTGAAAGAGGCT 17
```

```

RESULT 90
US-09-866-108A-1962
; Sequence 1962, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1962
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1962
```

```

Query Match      5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 90;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1392 GCTGAGCTGCTGCACA 1407
Db      2 GCTCAGCTGCTGCACA 17
```

```

RESULT 91
US-09-866-108A-1963
; Sequence 1963, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1963
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1963
```

```

Query Match      5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 90;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      1392 GCTGAGCTGCTGCACA 1407
Db      1 GCTCAGCTGCTGCACA 16
```

```

RESULT 92
US-09-866-108A-2594
; Sequence 2594, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
```

```
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wenheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 2594
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108A-2594

Query Match
Best Local Similarity 5.1%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1294 AGGGTCCATGTCAT 1309
Db 1 AGGGTCCATGAGAT 16

RESULT 93
US-09-866-108A-6610/C
/ Sequence 6610, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wenheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 6613
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108A-6613
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```
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 6610
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108A-6610

Query Match
Best Local Similarity 5.1%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1223 GAACCTCCAGCATGTG 1238
Db 17 GAGCTCCAGCATGTG 2

RESULT 94
US-09-866-108A-6613/C
/ Sequence 6613, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wenheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 6613
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108A-6613
```

```

Query Match Similarity      5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity      87.5%; Pred. No. 90;
Matches      14; Conservative      0; Mismatches      2; Indels      0; Gaps      0;

OY      1221 CAGAACCTCCAGCATG 1236
      ||| ||| ||| ||| |||
DB      16 CAGACCTCCAGGATG 1

RESULT 95
US-09-866-108A-7346
; Sequence 7346, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: UT, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7346
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7346

Query Match      5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity      87.5%; Pred. No. 90;
Matches      14; Conservative      0; Mismatches      2; Indels      0; Gaps      0;

OY      1261 AACAGCTGGAGAGGC 1276
      ||| ||| ||| ||| |||
DB      2 AACAGTTGGAGAGGC 17

RESULT 96
US-09-866-108A-7347
; Sequence 7347, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: UT, Yonggang
; APPLICANT: PENN, Sharron G.

```

```

/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: A6OMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: A6omica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 7347
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-7347

Query Match 5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarly 87.5%; Pred. NO. 90;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Q# 1261 AACAGCTGAAGAGGC 1276
Db 1 AACAGTTGAAGAGGC 16

RESULT 97
US-09-866-108A-7797
/ Sequence 7797, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: A6OMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: A6omica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 7347
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-7347

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```
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 7797
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-7797

Query Match          5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 90;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy      1253 GCTGCAGCAACAGCTG 1268
Db      2   GCTTCAGCAGCAGCTG 17

RESULT 98
US-09-866-108A-7798
/ Sequence 7798, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wenheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AECOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 7798
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
```

```
US-09-866-108A-7798

Query Match          5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 90;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy      1253 GCTGCAGCAACAGCTG 1268
Db      1   GCTTCAGCAGCAGCTG 16

RESULT 99
US-09-866-108A-8647
/ Sequence 8647, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wenheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AECOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8647
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-8647

Query Match          5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 90;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy      1254 CTGCAGCAACAGCTG 1269
Db      2   CTGCAGCTGCAGCTG 17

RESULT 100
US-09-866-108A-8649
/ Sequence 8649, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
```

```
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO: 8649
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-8649

Query Match      5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 90;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      1255 TGCAGCAGCTGCGA 1270
Db      1 TGCAGCTGCGCTGCGA 16

RESULT 101
US-09-866-108A-9346
/ Sequence 9346, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO: 9347
/ LENGTH: 17
/ TYPE: DNA
```

```
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO: 9346
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-9346

Query Match      5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 90;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      1269 GAAGAGCTGAGCGCA 1284
Db      2 GAAGAGCTGAGCGACA 17

RESULT 102
US-09-866-108A-9347
/ Sequence 9347, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO: 9347
/ LENGTH: 17
/ TYPE: DNA
```

ORGANISM: Homo sapiens  
US-09-866-108A-9347

Query Match 5.1%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 90;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1269 GAGAGGCTGAGGCA 1284  
DB 1 GAGAGGCTGGGACCA 16

RESULT 103  
US-08-411-796-535/c

Sequence 535, Application US/08411796  
Patent No. 5677149

GENERAL INFORMATION:

APPLICANT: Abrams, Mark A.

APPLICANT: Bauer, S. C.

APPLICANT: Braford-Goldberg, Sarah R.

APPLICANT: Caparon, Maïre H.

APPLICANT: Easton, Alan M.

APPLICANT: Klein, Barbara K.

APPLICANT: McKearn, John P.

APPLICANT: Oline, Peter O.

APPLICANT: Paik, Kumman

APPLICANT: Polazzi, Joseph O.

APPLICANT: Thomas, John W.

TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides

NUMBER OF SEQUENCES: 549

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,

STREET: P. O. Box 5110

CITY: Chicago

STATE: Illinois

COUNTRY: USA

ZIP: 60680

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/411,796

FILING DATE:

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/981044

FILING DATE: 24-NOV-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US93/11198

FILING DATE: 22-NOV-1993

ATTORNEY/AGENT INFORMATION:

NAME: Bennett, Dennis A.

REGISTRATION NUMBER: 34,547

REFERENCE/DOCKET NUMBER: C2113/1

TELEPHONE: (708) 470-6501

TELEFAX: (708) 470-6881

INFORMATION FOR SEQ ID NO: 535:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (synthetic)

US-08-411-796-535

QY 1337 CAAGCAGAGACTTT 1352  
DB 17 CATGCAGAGACTTTT 2

RESULT 104  
US-08-363-240A-1221/c

Sequence 1221, Application US/08363240A  
Patent No. 5705388

GENERAL INFORMATION:

APPLICANT: Couture, Larry

APPLICANT: McSwigen, James

APPLICANT: Biegiel, Charles

APPLICANT: Pape, Michael

TITLE OF INVENTION: METHOD AND REAGENT FOR

TITLE OF INVENTION: PREVENTION, INHIBITION OF

TITLE OF INVENTION: PROGRESSION AND REGRESSION

TITLE OF INVENTION: OF VASCULAR DISEASES

NUMBER OF SEQUENCES: 1243

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/363,240A

FILING DATE: December 23, 1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Wardburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 210/096

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

INFORMATION FOR SEQ ID NO: 1221:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-363-240A-1221

Query Match 5.1%; Score 12.8; DB 1; Length 18;

Best Local Similarity 87.5%; Pred. No. 1e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1202 GCAGAGGCGAGCCATC 1217

DB 16 GCAGAGGCGAGCCATC 1

RESULT 105  
US-08-471-039-535/c

Sequence 535, Application US/08471039  
Patent No. 6017523

GENERAL INFORMATION:

APPLICANT: Abrams, Mark A.

APPLICANT: Bauer, S. C.

APPLICANT: Braford-Goldberg, Sarah R.

APPLICANT: Caparon, Maïre H.

```

; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olin, Peter O.
; APPLICANT: Paik, Kumman
; APPLICANT: Polazzi, Joseph O.
; APPLICANT: Thomas, John W.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides
; NUMBER OF SEQUENCES: 549
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; ADDRESSEE: Corporate Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,039
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/981,044
; FILING DATE: 24-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/11198
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C2713/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708) 470-6501
; TELEFAX: (708) 470-6881
; INFORMATION FOR SEQ ID NO: 535:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; US-08-471-039-535

Query Match          5.1%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1337 CAGGCAGAGACTTT 1352
DB      17 CATGCAGAGACTTTT 2

RESULT 106
US-08-559-390-535/C
; Sequence 535, Application US/08559390
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; APPLICANT: Bauer, S. C.
; APPLICANT: Bradford-Goldberg, Sarah R.
; APPLICANT: Caparon, Maire H.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olin, Peter O.
; APPLICANT: Paik, Kumman
; APPLICANT: Polazzi, Joseph O.
; APPLICANT: Thomas, John W.
```

```

; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides
; NUMBER OF SEQUENCES: 549
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; ADDRESSEE: Corporate Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/559,390
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/411,796
; FILING DATE:
; APPLICATION NUMBER: US 07/981044
; FILING DATE: 24-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/11198
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C2713/1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708) 470-6501
; TELEFAX: (708) 470-6881
; INFORMATION FOR SEQ ID NO: 535:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; US-08-559-390-535

Query Match          5.1%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1337 CAGGCAGAGACTTT 1352
DB      17 CATGCAGAGACTTTT 2

RESULT 107
PCT-US93-11198-535/C
; Sequence 535, Application PC/TUS9311198
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; APPLICANT: Bauer, S. C.
; APPLICANT: Bradford-Goldberg, Sarah R.
; APPLICANT: Caparon, Maire H.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olin, Peter O.
; APPLICANT: Paik, Kumman
; APPLICANT: Polazzi, Joseph O.
; APPLICANT: Thomas, John W.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides
; NUMBER OF SEQUENCES: 549
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; ADDRESSEE: Corporate Patent Dept.
; STREET: P. O. Box 5110
```

CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60680  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/11198  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/981044  
FILING DATE: 24-NOV-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Bennett, Dennis A.  
REGISTRATION NUMBER: 34,547  
REFERENCE/DOCKET NUMBER: C2713/1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (708)470-6501  
TELEFAX: (708)470-6881  
INFORMATION FOR SEQ ID NO: 535:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (synthetic)  
PCT-US93-11198-535

Query Match 5.1%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 1337 CAAGCAGAGACTTT 1352  
DB 17 CATGCAGAGACTTT 2

RESULT 108  
5187078-13  
PATENT NO. 5187078  
APPLICANT: OHTA, MASAMI;MIZOGUCHI, JUNZO;ONOZAWA, TAKASHI  
TITLE OF INVENTION: PLASMA-TYPE GLUTATHIONE PEROXIDASE GENE  
AND APPLICATION OF THE SAME  
NUMBER OF SEQUENCES: 24  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/540,115  
FILING DATE: 19-JUN-1990  
SEQ ID NO:13:  
LENGTH: 18  
5187078-13

Query Match 5.1%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 1246 TGGTCGGGCTGCAGCA 1261  
DB 2 TGGCCCGGCTGCTGCA 17

RESULT 109  
US-09-705-267A-173/C  
SEQUENCE 173, APPLICATION US/09705267A  
PATENT NO. 6551826  
GENERAL INFORMATION:  
APPLICANT: Hong Zhang  
APPLICANT: Susan M. Freier  
APPLICANT: Andrew T. Watt  
TITLE OF INVENTION: ANTISENSE MODULATION OF RAID EXPRESSION

FILE REFERENCE: RTS-0211  
CURRENT APPLICATION NUMBER: US/09/705,267A  
CURRENT FILING DATE: 2000-11-01  
NUMBER OF SEQ ID NOS: 177  
SEQ ID NO 173  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-705-267A-173

Query Match 5.1%; Score 12.8; DB 1; Length 20;  
Best Local Similarity 87.5%; Pred. No. 1.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 1227 CTCGACATGCTGCG 1242  
DB 18 CTCGACACATGCTGCG 3

RESULT 110  
US-08-758-306-1037  
SEQUENCE 1037, APPLICATION US/08758306  
PATENT NO. 5807743  
GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.  
APPLICANT: McSwigen, James A.  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES  
TITLE OF INVENTION: ASSOCIATED WITH  
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR  
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION  
NUMBER OF SEQUENCES: 1379  
CORRESPONDENCE ADDRESS:

ADDRESS: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/758,306  
FILING DATE: December 3, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Waiburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 212/132  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1037:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-758-306-1037

Query Match 4.9%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 78.6%; Pred. No. 1.1e+02;

Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;  
QY 1285 GAGACCTCAGGCT 1298  
|||||:|||||:  
Db 1 GAGACCTCAGGCT 14

## RESULT 111

US-08-445-515-37/c  
; Sequence 37, Application US/08445515  
; Patent No. 6043068  
; GENERAL INFORMATION:  
; APPLICANT: Bookstein, Robert  
; APPLICANT: Isaacs, William B.  
; TITLE OF INVENTION: A No. 60430881 Prostate/Colon Tumor Suppressor  
; TITLE OF INVENTION: Gene Located on Human Chromosome 8  
; NUMBER OF SEQUENCES: 59  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Campbell and Flores  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: USA  
; ZIP: 92122  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/445,515  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Campbell, Cathryn A.  
; REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-CJ 1607  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 535-9001  
; TELEFAX: (619) 535-8949  
; INFORMATION FOR SEQ ID NO: 37:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-445-515-37

Query Match 4.9%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 1.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1373 CCAGAGCAGCTGC 1386  
|||||:|||||:  
Db 17 CCAGAGCAGATGC 4

US-09-050-159-45

; Sequence 45, Application US/09050159A  
; Patent No. 6197505  
; GENERAL INFORMATION:  
; APPLICANT: No. 6197505berg, Leif T  
; APPLICANT: Anderson, Maria K  
; APPLICANT: Linstrom, Per H  
; TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR STATUS AND  
; TITLE OF INVENTION: COMPOSITIONS FOR USE THEREOF  
; FILE REFERENCE: 1248/1D042  
; CURRENT APPLICATION NUMBER: US/09/050,159A  
; EARLIER FILING DATE: 1998-03-27  
; EARLIER APPLICATION NUMBER: 60/042,930  
; EARLIER FILING DATE: 1987-04-03  
; NUMBER OF SEQ ID NOS: 133

## RESULT 112

US-09-050-159-45  
; Sequence 45, Application US/09050159A  
; Patent No. 6197505  
; GENERAL INFORMATION:  
; APPLICANT: No. 6197505berg, Leif T  
; APPLICANT: Anderson, Maria K  
; APPLICANT: Linstrom, Per H  
; TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR STATUS AND  
; TITLE OF INVENTION: COMPOSITIONS FOR USE THEREOF  
; FILE REFERENCE: 1248/1D042  
; CURRENT APPLICATION NUMBER: US/09/050,159A  
; EARLIER FILING DATE: 1998-03-27  
; EARLIER APPLICATION NUMBER: 60/042,930  
; EARLIER FILING DATE: 1987-04-03  
; NUMBER OF SEQ ID NOS: 133

; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 45  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER  
; US-09-050-159-45

Query Match 4.9%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 1.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CGGCTGACGACCA 1264  
|||||:|||||:  
Db 4 CGGACGACGACCA 17

## RESULT 113

US-09-050-159-51  
; Sequence 51, Application US/09050159A  
; Patent No. 6197505  
; GENERAL INFORMATION:  
; APPLICANT: No. 6197505berg, Leif T  
; APPLICANT: Anderson, Maria K  
; APPLICANT: Linstrom, Per H  
; TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR STATUS AND  
; TITLE OF INVENTION: COMPOSITIONS FOR USE THEREOF  
; FILE REFERENCE: 1248/1D042  
; CURRENT APPLICATION NUMBER: US/09/050,159A  
; CURRENT FILING DATE: 1998-03-27  
; EARLIER APPLICATION NUMBER: 60/042,930  
; EARLIER FILING DATE: 1987-04-03  
; NUMBER OF SEQ ID NOS: 133  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 51  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER  
; US-09-050-159-51

Query Match 4.9%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 1.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CGGCTGACGACCA 1264  
|||||:|||||:  
Db 4 CGGACGACGACCA 17

US-08-584-040-3842

; Sequence 3842, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwigen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California

## RESULT 114

US-08-584-040-3842  
; Sequence 3842, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwigen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California

1 COUNTRY: U.S.A.  
 2 ZIP: 90071-2066  
 3 COMPUTER READABLE FORM:  
 4 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 5 MEDIUM TYPE: storage  
 6 COMPUTER: IBM Compatible  
 7 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 8 SOFTWARE: Word Perfect 5.1  
 9 CURRENT APPLICATION DATA:  
 10 APPLICATION NUMBER: US/08/584,040  
 11 FILING DATE: January 11, 1996  
 12 CLASSIFICATION: 514  
 13 PRIOR APPLICATION DATA:  
 14 APPLICATION NUMBER: 60/005,974  
 15 FILING DATE: October 26, 1995  
 16 ATTORNEY/AGENT INFORMATION:  
 17 NAME: Warburg, Richard J.  
 18 REGISTRATION NUMBER: 32,327  
 19 REFERENCE/DOCKET NUMBER: 218/064  
 20 TELECOMMUNICATION INFORMATION:  
 21 TELEPHONE: (213) 489-1600  
 22 TELEFAX: (213) 955-0440  
 23 TELEX: 67-3510  
 24 INFORMATION FOR SEQ ID NO: 3842:  
 25 SEQUENCE CHARACTERISTICS:  
 26 LENGTH: 17 base pairs  
 27 TYPE: nucleic acid  
 28 STRANDEDNESS: single  
 29 TOPOLOGY: linear  
 30 US-08-584-040-5842

```

? *APPLICATION NUMBER: US/08/679, 645
? FILING DATE: July 12, 1996
? CLASSIFICATION: 800
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: 60/001,135
? FILING DATE: July 13, 1995
? APPLICATION NUMBER: 08/300,726
? FILING DATE: September 2, 1994
? ATTORNEY/AGENT INFORMATION:
? NAME: Warburg, Richard J.
? REGISTRATION NUMBER: 32,327
? REFERENCE/DOCKET NUMBER: 219/247
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (213) 489-1600
? TELEFAX: (213) 955-0440
? TELEX: 67-3510
? INFORMATION FOR SEQ ID NO: 175:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 17 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
?
?
US-08-679-645-175

Query Match      4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1263 CAGCTGGAAGGC 1276
15 CAGCTGATGAGGC 2

```

```
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDIMORF-8
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 1717
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1717

Query Match          4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1256 GCAGCAACAGCTGG 1269
Db      17 GCAGCAACACTGG 4

RESULT 118
US-09-827-998-1718/c
; Sequence 1718, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDIMORF-8
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 1718
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1718

Query Match          4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1256 GCAGCAACAGCTGG 1269
Db      16 GCAGCAACACTGG 3

RESULT 119
US-09-827-998-1719/c
; Sequence 1719, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDIMORF-8
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2000-04-06
```

```
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 1719
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1719

Query Match          4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1256 GCAGCAACAGCTGG 1269
Db      15 GCAGCAACACTGG 2

RESULT 120
US-09-827-998-1720/c
; Sequence 1720, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDIMORF-8
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 1720
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1720

Query Match          4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1256 GCAGCAACAGCTGG 1269
Db      14 GCAGCAACACTGG 1

RESULT 121
US-09-866-108A-932
; Sequence 932, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Ji, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2000-05-26
```



```

; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 932
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-932
```

```

Query Match          4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY      1267 TCGAAGAGCTGAG 1280
DB      1 TGAAGAGCTGAG 14
```

```

RESULT 122
US-09-866-108A-8308/C
; Sequence 8308, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shatton G.
; APPLICANT: HANZEL, David K.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
```

```

; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8308
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8308
```

```

Query Match          4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1373 CCAGAAGAGCTGC 1386
DB      17 CCAGAAGAGCTGC 4
```

```

RESULT 123
US-09-866-108A-8309/C
; Sequence 8309, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shatton G.
; APPLICANT: HANZEL, David K.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8309
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8309
```

```

Query Match          4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1373 CCAGAAGAGCTGC 1386
DB      16 CCAGAAGAGCTGC 3
```

```
RESULT 124
US-09-866-108A-8310/C
; Sequence 8310, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8310
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8310

Query Match          4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      1373 CCAGAGCAGCTGC 1386
Db      15 CCAGAGCAGCTGC 2

RESULT 125
US-09-866-108A-8311/C
; Sequence 8311, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
```

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; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8311
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8311

Query Match          4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      1373 CCAGAGCAGCTGC 1386
Db      14 CCAGAGCAGCTGC 1

RESULT 126
US-09-866-108A-8776
; Sequence 8776, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
```

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;; PRIOR FILING DATE: 2001-01-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Aecomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 8776
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-8776

Query Match          4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      1304 GGTCTCTGTGAGC 1317
Db      4 GGTCTCTGTGACC 17

RESULT 127
US-09-866-108A-8777
; Sequence 8777, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8777
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8777

Query Match          4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      1304 GGTCTCTGTGAGC 1317
Db      3 GGTCTCTGTGACC 16
```

```
RESULT 128
US-09-866-108A-8778
; Sequence 8778, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8778
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8778

Query Match          4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      1304 GGTCTCTGTGAGC 1317
Db      2 GGTCTCTGTGACC 15

RESULT 129
US-09-866-108A-8779
; Sequence 8779, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
```

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: PRIOR APPLICATION NUMBER: US 60/207,456
: PRIOR FILING DATE: 2000-05-26
: PRIOR APPLICATION NUMBER: GB 24263.6
: PRIOR FILING DATE: 2000-10-04
: PRIOR APPLICATION NUMBER: US 60/236,359
: PRIOR FILING DATE: 2000-09-27
: PRIOR APPLICATION NUMBER: PCT/US01/00666
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00667
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00664
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00669
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00665
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00668
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00663
: PRIOR FILING DATE: 2001-01-30
: Remaining Prior Application data removed - See File Wrapper or PALM
: NUMBER OF SEQ ID NOS: 15755
: SOFTWARE: Aecmca Sequence Listing Engine
: Patent NO. 6686188
: SEQ ID NO 8779
: LENGTH: 17
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-866-108A-8779

```

Query Match	4.9%	Score 12.4	DB 1	length 17
Best Local Similarity	92.9%	Pred No. 1.1e+02		
Matches 13, Conservative	0	Mismatches 1	Indels 0	Gaps 0

```

QY      1304 GGTCACTGTGAGC 1317
          |||||
Db      1 GGTCACTGTGACC 14

```

```

1      RESULT 130
2      / Sequence 8648, Application US/09866108A
3      / Patent No. 6686188
4      / GENERAL INFORMATION:
5      /   APPLICANT: GU, Yizhong
6      /   APPLICANT: JI, Yonggang
7      /   APPLICANT: PENN, Sharon G.
8      /   APPLICANT: HANZEL, David K.
9      /   APPLICANT: RANK, David R.
10     /   APPLICANT: CHEN, Wensheng
11     /   APPLICANT: SHANNON, Mark
12     / TITLE OF INVENTION: MYO-IN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
13     / FILE REFERENCE: A60MCA-7
14     / CURRENT APPLICATION NUMBER: US/09/866,108A
15     / CURRENT FILING DATE: 2001-05-25
16     / PRIOR APPLICATION NUMBER: US 60/207,456
17     / PRIOR FILING DATE: 2000-05-26
18     / PRIOR APPLICATION NUMBER: GB 24263.6
19     / PRIOR FILING DATE: 2000-10-04
20     / PRIOR APPLICATION NUMBER: US 60/226,359
21     / PRIOR FILING DATE: 2000-09-27
22     / PRIOR APPLICATION NUMBER: PCT/US01/00666
23     / PRIOR FILING DATE: 2001-01-30
24     / PRIOR APPLICATION NUMBER: PCT/US01/00667
25     / PRIOR FILING DATE: 2001-01-30
26     / PRIOR APPLICATION NUMBER: PCT/US01/00664
27     / PRIOR FILING DATE: 2001-01-30
28     / PRIOR APPLICATION NUMBER: PCT/US01/00669
29     / PRIOR FILING DATE: 2001-01-30
30     / PRIOR APPLICATION NUMBER: PCT/US01/00665
31     / PRIOR FILING DATE: 2001-01-30
32     / PRIOR APPLICATION NUMBER: PCT/US01/00668
33     / PRIOR FILING DATE: 2001-01-30

```

```

;
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8648
;
; LENGTH: 17
;
; TYPE: DNA
; ORGANISM: Homo sapiens
US-03-866-108A-8648

```

Query Match	4.8%	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%;	Pred. No. 1.2e+02;		
Matches 14;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;

QY	1249	TCCGGCTGCAGCAACAG	1265
Db	17	TCCAGCTGCAGCTGCAG	1

RESULT 131  
US-08-758-306-593/c

```

: Sequence 593, Application US/08758306
: Patent No. 5807743
:
: GENERAL INFORMATION:
: APPLICANT: Stinchcomb, Dan T.
: APPLICANT: McSwiggen, James A.
: TITLE OF INVENTION: METHOD AND REAGENT FOR THE
: TITLE OF INVENTION: TREATMENT OF DISEASES
: TITLE OF INVENTION: ASSOCIATED WITH
: TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
: TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
: NUMBER OF SEQUENCES: 1379
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Lyon & Lyon
: STREET: 633 West Fifth Street
: STREET: Suite 4700
: CITY: Los Angeles
: STATE: California
: COUNTRY: U.S.A.
: ZIP: 90071-2066
:
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
: MEDIUM TYPE: storage
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: IBM P.C. DOS 5.0
: SOFTWARE: FastSeq Version 1.5
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/758,306
: FILING DATE: December 3, 1996
: CLASSIFICATION: 514
:
: PRIORITY APPLICATION DATA:
: APPLICATION NUMBER:
: FILING DATE:
:
: ATTORNEY/AGENT INFORMATION:
: NAME: Warburg, Richard J.
: REGISTRATION NUMBER: 32,327
: REFERENCE/DOCKET NUMBER: 212/132
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (213) 489-1600
: TELEFAX: (213) 955-0440
:
: TELEX: 67-3510
: INFORMATION FOR SEQ ID NO: 593:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 17 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
:
: US-08-758-306-593

```

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1369 CTTACGAGAGCAGCTG 1385  
Db 17 CTCGACGAGAGCAGCTG 1

## RESULT 132

US-08-762-500-82/C  
Sequence 82, Application US/08762500  
Patent No. 6030806

GENERAL INFORMATION:  
APPLICANT: Landes, Gregory M.  
APPLICANT: Burn, Timothy C.  
APPLICANT: Connors, Timothy D.  
APPLICANT: Dackowski, William R.  
APPLICANT: Van Raay, Terence J.  
APPLICANT: Klingner, Katherine W.  
TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES,  
TITLE OF INVENTION: COMPOSITIONS, METHODS OF MAKING AND USING SAME  
NUMBER OF SEQUENCES: 83  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GENZYME CORPORATION  
STREET: One Mountain Road  
CITY: Framingham  
STATE: Massachusetts  
COUNTRY: United States of America  
ZIP: 01701

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/762.500  
FILING DATE: 09-DEC-1996  
CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/665,259  
FILING DATE: 17-JUN-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/10469  
FILING DATE: 17-JUN-1996

ATTORNEY/AGENT INFORMATION:  
NAME: Dugan, Deborah A.  
REGISTRATION NUMBER: 37,315  
REFERENCE/DOCKET NUMBER: IG5-9.3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (508) 872-8400  
TELEFAX: (508) 872-5415

INFORMATION FOR SEQ ID NO: 82:

SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "Oligonucleotide primer -  
DESCRIPTION: sense strand"  
US-08-762-500-82

Query Match 4.8%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 1.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1243 CAGTGTCCGCGCTCAG 1259  
Db 17 CTCGCTCTGCTGTCAG 1

RESULT 133  
US-08-985-162-428  
Sequence 428, Application US/08985162

Patent No. 6057156

GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/985,162  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440

INFORMATION FOR SEQ ID NO: 428:

SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-985-162-428

Query Match 4.8%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 1.2e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 1325 GGACCTCTTCTCAAGG 1341  
Db 1 GGACUUCUCCCAAGG 17

## RESULT 134

US-09-371-772B-5055  
Sequence 5055, Application US/09371772B  
Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwigen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Secobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MH800,876-U (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26

;; PRIOR APPLICATION NUMBER: US 08/584,040  
;; PRIOR FILING DATE: 1996-01-08  
;; NUMBER OF SEQ ID NOS: 14225  
;; SOFTWARE: PatentIn version 3.0  
;; SEQ ID NO 5055  
;; LENGTH: 17  
;; TYPE: RNA  
;; ORGANISM: Homo sapiens  
US-09-371-772B-5055

Query Match 4.8%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 52.9%; Pred. No. 1.2e+02;  
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Qy 1376 GAGCAGCTGGCTTTG 1392  
Db 1 GAGCCAGCTGCUUUUG 17

RESULT 135  
US-09-371-772B-6456/C  
;; Sequence 6456, Application US/09371772B  
;; Patent No. 6566127  
;; GENERAL INFORMATION:  
;; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
;; APPLICANT: Pavco, Pam  
;; APPLICANT: McSwigen, Jim  
;; APPLICANT: Stinchcomb, Dan  
;; APPLICANT: Escobedo, Jaime  
;; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
;; FILE REFERENCE: MBH00,876-J (237/198)  
;; CURRENT FILING DATE: 1999-08-10  
;; PRIOR APPLICATION NUMBER: US/09/371,772B  
;; PRIOR FILING DATE: 1995-10-26  
;; PRIOR APPLICATION NUMBER: US 08/584,040  
;; PRIOR FILING DATE: 1996-01-08  
;; NUMBER OF SEQ ID NOS: 14225  
;; SOFTWARE: PatentIn version 3.0  
;; SEQ ID NO 6456  
;; LENGTH: 17  
;; TYPE: RNA  
;; ORGANISM: Homo sapiens  
US-09-371-772B-6456

Query Match 4.8%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 1.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1271 AGAGGCTGAGGCGACAG 1287  
Db 17 AGAGGCTGTGGCCAAAG 1

RESULT 136  
US-09-371-772B-6784/C  
;; Sequence 6784, Application US/09371772B  
;; Patent No. 6566127  
;; GENERAL INFORMATION:  
;; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
;; APPLICANT: Pavco, Pam  
;; APPLICANT: McSwigen, Jim  
;; APPLICANT: Stinchcomb, Dan  
;; APPLICANT: Escobedo, Jaime  
;; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
;; FILE REFERENCE: MBH00,876-J (237/198)  
;; CURRENT FILING DATE: 1999-08-10  
;; PRIOR APPLICATION NUMBER: US/09/371,772B  
;; PRIOR FILING DATE: 1995-10-26  
;; PRIOR APPLICATION NUMBER: US 08/584,040

;; PRIOR FILING DATE: 1996-01-08  
;; NUMBER OF SEQ ID NOS: 14225  
;; SOFTWARE: PatentIn version 3.0  
;; SEQ ID NO 6784  
;; LENGTH: 17  
;; TYPE: RNA  
;; ORGANISM: Homo sapiens  
US-09-371-772B-6784

Query Match 4.8%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 1.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1228 TCCAGCATGTCTGGCA 1244  
Db 17 TCCAGCATGTCTGGTA 1

RESULT 137  
US-09-401-063-428  
;; Sequence 428, Application US/09401063  
;; Patent No. 6623962  
;; GENERAL INFORMATION:  
;; APPLICANT: Akhtar, Saghir  
;; APPLICANT: Fell, Patricia  
;; APPLICANT: McSwigen, James  
;; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
;; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
;; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
;; TITLE OF INVENTION: FACTOR RECEPTORS  
;; NUMBER OF SEQUENCES: 1877  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESS: Lyon & Lyon  
;; STREET: 633 West Fifth Street  
;; STREET: Suite 4700  
;; CITY: Los Angeles  
;; STATE: California  
;; COUNTRY: U.S.A.  
;; ZIP: 90071-2066  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
;; MEDIUM TYPE: storage  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: IBM P.C. DOS 5.0  
;; SOFTWARE: FastSeq for Windows 2.0  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/401,063  
;; FILING DATE:  
;; CLASSIFICATION:  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/985,162  
;; FILING DATE: 04 December 1997  
;; APPLICATION NUMBER: 60/036,476  
;; FILING DATE: 31 January 1997  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Wardburg, Richard J.  
;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 230/107  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEEX: 67-3510  
;; INFORMATION FOR SEQ ID NO: 428:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 17 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
US-09-401-063-428

Query Match 4.8%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 1.2e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Oy 1325 GGACCTTCTTCAGG 1341  
||| :|: |||||  
Db 1 GGACUCUUCUCCAGG 17

## RESULT 138

US-09-866-108A-1460/c  
; Sequence 1460, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AECOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 1460  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-1460

Query Match 4.8%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 1.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1369 CTTACCAAGACGCTG 1385  
||| ||| ||| |||  
Db 17 CTTCCAGAGCTGCTG 1

## RESULT 139

US-09-866-108A-1959/c  
; Sequence 1959, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AECOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 1959  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-1959

Query Match 4.8%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 1.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1376 GAACAGCTGCTTTG 1392  
||| ||| ||| |||  
Db 17 GAACAGCTGAGCTTTG 1

## RESULT 140

US-09-866-108A-2588  
; Sequence 2588, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AECOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30

```

: PRIOR APPLICATION NUMBER: PCT/US01/00665
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00668
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00663
: PRIOR FILING DATE: 2001-01-30
: Remaining Prior Application data removed - See File Wrapper or PALM
: NUMBER OF SEQ ID NOS: 15755
: SOFTWARE: Aecmic Sequence Listing Engine
: Patent No. 6686188
: SEQ ID NO 2588
: LENGTH: 17
: TYPE: DNA
: ORGANISM: Homo sapiens
: US-03-866-108A-2588

```

Query Match	4.8%;	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%;	Pred. No. 1.2e+02;		
Matches 14;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;

Qy	1288	ACCC	TCA	GGG	TGCC	ATG	1304
Db	1	AGCT	CA	GGG	TGCC	ATG	17

## RESULT 141

US-09-866-108A-7525  
: Sequence 7525, Application US/09866108A  
Data: 7525 5000100

```

? GENERAL INFORMATION:
? APPLICANT: GU, Yizhong
? APPLICANT: JI, Yonggang
? APPLICANT: PENN, Sharon G.
? APPLICANT: HANZEL, David K.
? APPLICANT: RANK, David R.
? APPLICANT: CHEN, Wensheng
? APPLICANT: SHANNON, Mark
? TITLE OR INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
? FILE REFERENCE: A60MCA-7
? CURRENT APPLICATION NUMBER: US/09/866,108A

```

Matches	14;	Conservative	0;	Mismatches	3;	Indels	0;	Gaps	0;
Qy	1253	GCTGCAGCAACAGCTGG	1269						
Db	1	GCTGCAGCAAAAGCTTG	17						

RESULT 142

US-09-866-108A-7795  
; Sequence 7795, Application US/09866108A

```

? GENERAL INFORMATION:
? APPLICANT: GU, Yizhong
? APPLICANT: JI, Yonggang
? APPLICANT: PENN, Sharon G.
? APPLICANT: HANZEL, David K.
? APPLICANT: RANK, David R.
? APPLICANT: CHEN, Wensheng
? APPLICANT: SHANNON, Mark
? TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
? FILE REFERENCE: A60MCA-7
? CURRENT APPLICATION NUMBER: US/09/866,108A
?

```

Query Match	4.8%	Score 12.2	DB 1	length 17
Best Local Similarity	82.4%	Pred.No. 1.2e+02		
Matches 14	Conservative 0	Mismatches 3	Indels 0	Gaps 0

QY	1250	CCGGTCGAGCAACAGC	1266
Db	1	CCAGCTTCAGCAGCAGC	17

## RESULT 143

US-09-866-108A-7796  
; Sequence 7796, Application US/09866108A

```

: GENERAL INFORMATION:
: APPLICANT: GU, Yizhong
: APPLICANT: JI, Yonggang
: APPLICANT: PENN, Sharon G
: APPLICANT: HANZEL, David K
: APPLICANT: RANK, David R
: APPLICANT: CHEN, Wensheng

```

Query Match	4.8%;	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%;	Pred. No. 1.2e+02;		



```
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 7796
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-7796
```

```
Query Match 4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1251 CGGCTGCAGCAAGCT 1267
DB 1 CAGCTTCAGCAGCAGCT 17
```

```
RESULT 144
US-09-866-108A-7799
Sequence 7799, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
```

```
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 7799
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-7799
```

```
Query Match 4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1254 CTGCAGCAAGCTGCA 1270
DB 1 CTTGAGCAGCAGCTGAA 17
```

```
RESULT 145
US-09-866-108A-7840
Sequence 7840, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 7840
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-7840
```

```
Query Match 4.8%; Score 12.2; DB 1; Length 17;
```

Best Local Similarity 82.4%; Pred. No. 1.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1253 GCTGCAGCAAGCTCG 1259

Db 1 GCTGAGCAGCAGGTGG 17

RESULT 146

```
US-09-866-108A-7841
; Sequence 7841, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7841
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7841
```

Query Match 4.8%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 1.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1254 CTGCAGCAAGCTGGA 1270

Db 1 CTGAAGCAGCAGGTGGA 17

RESULT 147

```
US-09-866-108A-7920/C
; Sequence 7920, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
```

APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US/09/866,108A  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 7920  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-7920

Query Match 4.8%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 1.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1328 CCTTTCTCCAGCAG 1344

Db 17 CCTCTCCTCAGCAG 1

RESULT 148

```
US-09-866-108A-8433/C
; Sequence 8433, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
```

PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8433  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8433

Query Match 4.8%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 1.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1305 GTCATCTGTGACGACT 1321  
Db 17 GTCCGCTGTGACGACT 1

RESULT 149  
US-09-866-108A-8434/c  
Sequence 8434, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263,6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8434  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8434

Query Match 4.8%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 1.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1304 GTCATCTGTGACGACC 1320  
Db 17 GTCCGCTGTGACGACC 1

RESULT 150  
US-09-866-108A-8504  
Sequence 8504, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263,6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8504  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8504

Query Match 4.8%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 1.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1392 GCTGAGCTGTGACAG 1408  
Db 1 GATGAGCAGCTGTACAG 17

RESULT 151  
US-09-866-108A-8506  
Sequence 8506, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.

```
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8506
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8506

Query Match      4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1394 TGAGCTGCTGACAGAC 1410
Db      1 TGAGCAGCTGTACAGGC 17

RESULT 152
; US-09-866-108A-8650
; Sequence 8650, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT FILING DATE: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
```

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8650
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8650

Query Match      4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1256 GCAGCAACAGCTGACAG 1272
Db      1 GCAGCTGACAGCTGACAG 17

RESULT 153
; US-09-866-108A-8651
; Sequence 8651, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT FILING DATE: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8651
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8651
```

Query Match 4.8%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 1.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1257 CAGCAGCAGCTGAGAGA 1273  
DB 1 CAGCAGCAGCTGAGAGA 17

RESULT 154  
US-09-866-108A-9231  
Sequence 9231, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wenheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See file Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 9231  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-9231

Query Match 4.8%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 1.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1203 CAGAGGAGCAGCATCTG 1219  
DB 1 CAGAGGAGCAGCATCTG 17

RESULT 155  
US-09-866-108A-9232  
Sequence 9232, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wenheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30

APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wenheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See file Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 9232  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-9232

Query Match 4.8%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 1.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1204 AGAGGAGCAGCATCTGT 1220  
DB 1 AGAGGAGCAGCATCTGT 17

RESULT 156  
US-09-866-108A-9233  
Sequence 9233, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wenheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO. 9233
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-9233

Query Match
Best Local Similarity 4.8%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1205 GAGGCGAGCCATCTGTC 1221
Db 1 GAGGCGAGCCCTGCGATC 17

RESULT 157
US-09-866-108A-9543/c
; Sequence 9543, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AROMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO. 9543
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
```

```

US-09-866-108A-9543

Query Match
Best Local Similarity 4.8%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1192 AGAAGCCTGTGACAGG 1208
Db 17 AGAAGCCAGGAGGAGG 1

RESULT 158
US-09-404-912-566/c
; Sequence 566, Application US/09404912
; Patent No. 6703228
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; FILE REFERENCE: M0656/77045(HCI/MAT)
; CURRENT APPLICATION NUMBER: US/09/404,912
; CURRENT FILING DATE: 1999-09-24
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 566
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
; US-09-404-912-566

Query Match
Best Local Similarity 4.8%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1377 AAGCAGCTGCGTTTGC 1393
Db 17 ATGAGCTGCATCTTGC 1

RESULT 159
US-08-291-932A-16/c
; Sequence 16, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NP-KE
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
```

;;  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/291,932A  
;; FILING DATE: August 15, 1994  
;; CLASSIFICATION: 514  
;; PRIOR APPLICATION DATA: Including application  
;; PRIOR APPLICATION DATA: described below:  
;; APPLICATION NUMBER: 08/245,466  
;; FILING DATE: May 18, 1994  
;; APPLICATION NUMBER: 07/987,132  
;; FILING DATE: December 7, 1992  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard J.  
;; REGISTRATION NUMBER: 32,327  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;; INFORMATION FOR SEQ ID NO: 16:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 15 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
US-08-291-932A-16

Query Match 4.8%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1189 CCCGAGACCTG 1200  
DB 12 CCCGAGACCTG 1

RESULT 160  
US-09-275-850-21  
Sequence 21, Application US/09275850A  
Patent No. 6261774  
GENERAL INFORMATION:  
APPLICANT: Pagratzis, Nikos  
APPLICANT: Gold, Larry  
APPLICANT: Shetland, Timur  
APPLICANT: Javornik, Brenda  
TITLE OF INVENTION: Truncation SELEX Method  
FILE REFERENCE: NEX 79  
CURRENT APPLICATION NUMBER: US/09/275,850A  
CURRENT FILING DATE: 1999-03-24  
NUMBER OF SEQ ID NOS: 351  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 21  
LENGTH: 15  
TYPE: RNA  
ORGANISM: E. coli  
US-09-275-850-21

Query Match 4.8%; Score 12; DB 1; Length 15;  
Best Local Similarity 91.7%; Pred. No. 1e+02;  
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1255 TGCAGCAACAGC 1266  
DB 1 UGCAGCAACAGC 12

RESULT 161  
US-08-770-235A-28  
Sequence 28, Application US/08770235A  
Patent No. 5939538  
GENERAL INFORMATION:  
APPLICANT: Leavitt, Markley C.  
APPLICANT: Tritz, Richard

;;  
;; APPLICANT: Feng, Yu  
;; APPLICANT: Barber, Jack  
;; APPLICANT: Yu, Mang  
;; TITLE OF INVENTION: Methods and Compositions for Inhibiting  
;; TITLE OF INVENTION: HIV Infection of Cells by Cleaving HIV Co-Receptor RNA  
;; NUMBER OF SEQUENCES: 77  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Townsend and Townsend and Crew LLP  
;; STREET: Two Embarcadero Center, Eighth Floor  
;; CITY: San Francisco  
;; STATE: California  
;; COUNTRY: USA  
;; ZIP: 94111-3834  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patentin Release #1.0, Version #1.30  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/770,235A  
;; FILING DATE: 19-DEC-1996  
;; CLASSIFICATION: 536  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 60/027,875  
;; FILING DATE: 25-OCT-1996  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: QUINE, Jonathan A.  
;; REGISTRATION NUMBER: P-41,261  
;; REFERENCE/DOCKET NUMBER: 016556-001610US  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (415) 576-0200  
;; TELEFAX: (415) 576-0300  
;; INFORMATION FOR SEQ ID NO: 28:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 16 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: RNA  
US-08-770-235A-28

Query Match 4.8%; Score 12; DB 1; Length 16;  
Best Local Similarity 66.7%; Pred. No. 1.2e+02;  
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1301 CAGGTGATCTG 1312  
DB 2 CAGGTGATCTG 13

RESULT 162  
US-09-364-539-10  
Sequence 10, Application US/09364539B  
Patent No. 6344321  
GENERAL INFORMATION:  
APPLICANT: Rabin, Ross  
APPLICANT: Lochrie, Michael  
APPLICANT: Janjic, Nebojsa  
TITLE OF INVENTION: Nucleic Acid Ligands Which Bind to Hepatocyte Growth  
;; TITLE OF INVENTION: Factor/Scatter Factor (HGF/SF) or Its Receptor C-Met  
;; FILE REFERENCE: NEX83  
;; CURRENT APPLICATION NUMBER: US/09/364,539B  
;; CURRENT FILING DATE: 1999-07-29  
;; NUMBER OF SEQ ID NOS: 192  
;; SOFTWARE: Patentin Ver. 2.0  
;; SEQ ID NO 10  
;; LENGTH: 16  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
;; OTHER INFORMATION: Sequence

```
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (1) - (16)
; OTHER INFORMATION: Purines and pyrimidines are 2'OME; purines and
; OTHER INFORMATION: pyrimidines at positions 1-4 are DNA; purines and
; OTHER INFORMATION: pyrimidines at positions 5-16 are RNA.
US-09-364-539-10

Query Match          4.8%; Score 12; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 1.2e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1415 TGCTGAGCGCGC 1426
Db      4      TGCTGAGCGCGC 15

RESULT 163
US-08-286-856C-15
; Sequence 15, Application US/08286856C
; Patent No. 5672509
; GENERAL INFORMATION:
; APPLICANT: FISHER, DOUGLAS A
; TITLE OF INVENTION: HPE IV-C: A NOVEL HUMAN
; TITLE OF INVENTION: PHOSPHODIESTERASE IV
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PFIZER INC
; STREET: 235 EAST 42ND STREET
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 10017-5755
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/286,856C
; FILING DATE: 05-AUG-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: SHEYKA, ROBERT F
; REGISTRATION NUMBER: 31304
; REFERENCE/DOCKET NUMBER: PC8552A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-573-1189
; TELEFAX: 212-573-1939
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; US-08-286-856C-15

Query Match          4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1204 AGAGGGCAGCCA 1215
Db      2      AGAGGGCAGCCA 13

RESULT 164
US-09-474-432B-763
; Sequence 763, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MEB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 763
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-763

Query Match          4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      1182 CTGGGCTCCGAG 1193
Db      5      CTGGGCTCCGAG 16

RESULT 165
US-09-476-387-762
; Sequence 762, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MEB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 762
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-762

Query Match          4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
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Oy 1182 CTGGGCTCCAG 1193  
|:||||:||||  
Db 5 CUGGGCTCCAG 16

RESULT 166  
US-09-866-108A-8774

; Sequence 8774, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharon G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AECOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; PRIOR FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See file Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 8774

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-8774

Query Match 4.8%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1304 GGTGATCTGTGA 1315  
|||||  
Db 6 GGTGATCTGTGA 17

RESULT 167  
US-09-866-108A-8775

; Sequence 8775, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharon G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AECOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See file Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 8775

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-8775

Query Match 4.8%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1304 GGTGATCTGTGA 1315  
|||||  
Db 5 GGTGATCTGTGA 16

RESULT 168  
US-09-866-108A-9226

; Sequence 9226, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharon G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AECOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; PRIOR FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9226
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9226

Query Match      4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1203 CAGAGGCGAGCC 1214
Db      6 CAGAGGCGAGCC 17

RESULT 169
US-09-866-108A-9227
; Sequence 9227, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9227
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9227

Query Match      4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match      4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-09-866-108A-9227
; Sequence 9229, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9228
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9228

Query Match      4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1203 CAGAGGCGAGCC 1214
Db      4 CAGAGGCGAGCC 15

RESULT 171
US-09-866-108A-9229
; Sequence 9229, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9229
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9229
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Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1182 CTGGGCTCCGAG 1193  
|||||

Db 6 CTGGGCTCCGAG 17

RESULT 174

US-09-866-108A-10731

; Sequence 10731, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharon G.

; APPLICANT: HANZEL, David K.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 10731

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-10731

Query Match 4.8%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1182 CTGGGCTCCGAG 1193  
|||||

Db 5 CTGGGCTCCGAG 16

RESULT 175

US-09-866-108A-10732

; Sequence 10732, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharon G.

; APPLICANT: HANZEL, David K.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US/09/866,108A

; PRIOR FILING DATE: 2001-05-26

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 10732

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-10732

Query Match 4.8%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1182 CTGGGCTCCGAG 1193  
|||||

Db 4 CTGGGCTCCGAG 15

RESULT 176

US-09-866-108A-10733

; Sequence 10733, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: PENN, Sharon G.

; APPLICANT: HANZEL, David K.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US/09/866,108A

; PRIOR FILING DATE: 2001-05-26

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aecomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 10733  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-10733

Query Match 4.8%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1182 CTGGGCTCCG 1193  
Db 3 CTGGGCTCCG 14

RESULT 177  
US-09-866-108A-10734  
;; Sequence 10734, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharon G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AECOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108A  
;; PRIOR FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263,6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aecomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 10734  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-10734

Query Match 4.8%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1182 CTGGGCTCCG 1193  
Db 2 CTGGGCTCCG 13

RESULT 178  
US-09-866-108A-10735  
;; Sequence 10735, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharon G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AECOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108A  
;; PRIOR FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263,6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aecomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 10735  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-10735

Query Match 4.8%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1182 CTGGGCTCCG 1193  
Db 1 CTGGGCTCCG 12

RESULT 179  
US-08-291-932A-23  
;; Sequence 23, Application US/08291932A  
;; Patent No. 5658780  
;; GENERAL INFORMATION:  
;; APPLICANT: Stinchcomb, Dan T.  
;; APPLICANT: Draper, Kenneth G.  
;; APPLICANT: McSwiggen, James  
;; TITLE OF INVENTION: RIBOZYME TREATMENT OF

```

: TITLE OF INVENTION: DISEASES OR CONDITIONS
: TITLE OF INVENTION: RELATED TO LEVELS OF
: TITLE OF INVENTION: NF-KB
: NUMBER OF SEQUENCES: 830
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Lyon & Lyon
: STREET: 633 West Fifth Street
: CITY: Los Angeles
: STATE: California
: COUNTRY: U.S.A.
: ZIP: 90071-2066
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
: MEDIUM TYPE: storage
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: IBM P.C. DOS 5.0
: SOFTWARE: Word Perfect 5.1
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/291,932A
: FILING DATE: August 15, 1994
: CLASSIFICATION: 514
: PRIOR APPLICATION DATA:
: PRIOR APPLICATION DATA: including application
: PRIOR APPLICATION DATA: described below:
: APPLICATION NUMBER: 08/245,466
: FILING DATE: May 18, 1994
: APPLICATION NUMBER: 07/987,132
: FILING DATE: December 7, 1992
: ATTORNEY/AGENT INFORMATION:
: NAME: Warburg, Richard J.
: REGISTRATION NUMBER: 32,327
: REFERENCE/DOCKET NUMBER: 208/157
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (213) 489-1600
: TELEFAX: (213) 955-0440
: TELETYPE: 67-3510
: INFORMATION FOR SEQ ID NO: 23:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 15 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: US-08-291-932A-23

Query Match 4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.1e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

OY 1412 GGGTGTGAGCGCGC 1426
Db 1 GGGCGCUCAGCGCGC 15

RESULT 180
US-08-291-932A-40/c
: Sequence 40, Application US/08291932A
: Patent No. 5658780
: GENERAL INFORMATION:
: APPLICANT: Stinchcomb, Dan T.
: APPLICANT: Draper, Kenneth G.
: APPLICANT: McSwigen, James
: TITLE OF INVENTION: RIBOZYME TREATMENT OF
: TITLE OF INVENTION: DISEASES OR CONDITIONS
: TITLE OF INVENTION: RELATED TO LEVELS OF
: TITLE OF INVENTION: NF-KB
: NUMBER OF SEQUENCES: 830
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Lyon & Lyon
: STREET: 633 West Fifth Street
: CITY: Los Angeles
: STATE: California

```

```

: COUNTRY: U.S.A.
: ZIP: 90071-2066
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
: MEDIUM TYPE: storage
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: IBM P.C. DOS 5.0
: SOFTWARE: Word Perfect 5.1
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/291,932A
: FILING DATE: August 15, 1994
: CLASSIFICATION: 514
: PRIOR APPLICATION DATA:
: PRIOR APPLICATION DATA: including application
: PRIOR APPLICATION DATA: described below:
: APPLICATION NUMBER: 08/245,466
: FILING DATE: May 18, 1994
: APPLICATION NUMBER: 07/987,132
: FILING DATE: December 7, 1992
: ATTORNEY/AGENT INFORMATION:
: NAME: Warburg, Richard J.
: REGISTRATION NUMBER: 32,327
: REFERENCE/DOCKET NUMBER: 208/157
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (213) 489-1600
: TELEFAX: (213) 955-0440
: TELETYPE: 67-3510
: INFORMATION FOR SEQ ID NO: 40:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 15 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: US-08-291-932A-40

Query Match 4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1198 CTGTCGAGAGGCGAG 1212
Db 15 CTGGCGAGAGGTGAG 1

RESULT 181
US-08-291-932A-192/c
: Sequence 192, Application US/08291932A
: Patent No. 5658780
: GENERAL INFORMATION:
: APPLICANT: Stinchcomb, Dan T.
: APPLICANT: Draper, Kenneth G.
: APPLICANT: McSwigen, James
: TITLE OF INVENTION: RIBOZYME TREATMENT OF
: TITLE OF INVENTION: DISEASES OR CONDITIONS
: TITLE OF INVENTION: RELATED TO LEVELS OF
: TITLE OF INVENTION: NF-KB
: NUMBER OF SEQUENCES: 830
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Lyon & Lyon
: STREET: 633 West Fifth Street
: CITY: Los Angeles
: STATE: California
: COUNTRY: U.S.A.
: ZIP: 90071-2066
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
: MEDIUM TYPE: storage
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: IBM P.C. DOS 5.0
: SOFTWARE: Word Perfect 5.1
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/291,932A

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FILING DATE: August 15, 1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/157  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 192:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-291-932A-192

Query Match 4.7%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 1.1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1198 CTGTGACAGGCGCAG 1212  
DB 15 CTGGCGACAGCTCAG 1

RESULT 182  
US-08-585-684B-2046  
Sequence 2046, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440

TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2046:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-2046

Query Match 4.7%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 73.3%; Pred. No. 1.1e+02;  
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1243 CAGTGTCCGCGCTGC 1257  
DB 1 CAGUGGUCGCGCCGC 15

RESULT 183  
US-09-038-073-2046  
Sequence 2046, Application US/09038073  
Patent No. 6194150  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/038,073  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/585,684  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2046:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-038-073-2046

Query Match 4.7%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 73.3%; Pred. No. 1.1e+02;  
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1243 CAGTGTCCGCGCTGC 1257  
DB 1 CAGUGGUCGCGCCGC 15

RESULT 184  
US-09-474-432B-164  
; Sequence 164, Application US/09474432B  
; Patent No. 6528640  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Sweedler, David  
; APPLICANT: Zinner, Shawn  
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot  
; FILE REFERENCE: MEH800-831-B (247/726)  
; CURRENT FILING DATE: 1999-12-19  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 164  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-474-432B-164

Query Match 4.7%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 66.7%; Pred. No. 1.1e+02;  
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1393 CTGAGCTGCTGGACA 1407  
Db 1 CUCGGCTCUGGACA 15

RESULT 185  
US-09-491-356C-19  
; Sequence 19, Application US/09491356C  
; Patent No. 6566061  
; GENERAL INFORMATION:  
; APPLICANT: Philibert, Robert A.  
; APPLICANT: Gims, Edward I.  
; APPLICANT: Delisi, Lynn  
; TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13  
; FILE REFERENCE: 9465.60S11  
; CURRENT APPLICATION NUMBER: US/09/491.356C  
; CURRENT FILING DATE: 2000-01-26  
; PRIOR APPLICATION NUMBER: PCT/US99/09365  
; PRIOR FILING DATE: 1999-04-29  
; PRIOR APPLICATION NUMBER: 60/083,465  
; PRIOR FILING DATE: 1998-04-29  
; NUMBER OF SEQ ID NOS: 24  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 19  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-491-356C-19

Query Match 4.7%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 1.1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1251 CGGCTGACGACAG 1265

Db 1 CAGCAGACGACAG 15

RESULT 186  
US-09-476-387-164  
; Sequence 164, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinner, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MEH800-831-C (249/073)  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 164  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-164

Query Match 4.7%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 66.7%; Pred. No. 1.1e+02;  
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1393 CTGAGCTGCTGGACA 1407  
Db 1 CUCGGCTCUGGACA 15

RESULT 187  
US-08-291-932A-815/C  
; Sequence 815, Application US/08291932A  
; Patent No. 5658780  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth G.  
; APPLICANT: McSwigen, James  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: NP-KB  
; NUMBER OF SEQUENCES: 830  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0



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SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 815:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-815
```

```
Query Match 4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1200 GTGCAGAGGCGAGCC 1214
DB 16 GGCAGAGGTCAGCC 2
```

```
RESULT 188
US-09-371-772B-5669
Sequence 5669, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
FILE REFERENCE: MHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
PRIOR FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5669
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5669
```

```
Query Match 4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 73.3%; Pred. No. 1.3e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1331 CTTCTCCAGGCGAG 1345
DB 1 CAUCUCCAUUGCAGG 15
```

```
RESULT 189
US-09-371-772B-7077
Sequence 7077, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
FILE REFERENCE: MHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
PRIOR FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 7077
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-7077
```

```
Query Match 4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 60.0%; Pred. No. 1.3e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1376 GAAGCAGCTGCGTTT 1390
DB 2 GAAGCAGAGUGCCUUV 16
```

```
RESULT 190
US-09-371-772B-7112/C
Sequence 7112, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
FILE REFERENCE: MHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
PRIOR FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 7112
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-7112
```

```
Query Match 4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1228 TCCAGCATGTCGTCG 1242
DB 16 TCCAGCATGTCGTCG 2
```

RESULT 191

US-09-705-267A-174/c  
; Sequence 174, Application US/09705267A  
; Patent No. 6551826  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; APPLICANT: Susan M. Freier  
; APPLICANT: Andrew T. Walt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION  
; FILE REFERENCE: RTS-0211  
; CURRENT APPLICATION NUMBER: US/09/705,267A  
; CURRENT FILING DATE: 2000-11-01  
; NUMBER OF SEQ ID NOS: 177  
; SEQ ID NO 174  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense oligonucleotide  
US-09-705-267A-174

Query Match 4.7% Score 11.8; DB 1; Length 20;  
Best Local Similarity 86.7%; Pred. No. 2.2e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1228 TCCGACATGCTCG 1242  
Db 20 TCCGACATGCTCG 6

RESULT 192  
US-08-998-099-333  
; Sequence 333, Application US/08998099A  
; Patent No. 6103890  
; GENERAL INFORMATION:  
; APPLICANT: JARVIS, THALE  
; APPLICANT: MCSWIGGEN, JAMES A.  
; APPLICANT: STINGCOMB, DAN T.  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES  
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS  
; FILE REFERENCE: 231/175  
; CURRENT APPLICATION NUMBER: US/08/998,099A  
; CURRENT FILING DATE: 1997-12-24  
; EARLIER APPLICATION NUMBER: 60/037,658  
; EARLIER FILING DATE: 1997-01-23  
; EARLIER APPLICATION NUMBER: 08/373,124  
; EARLIER FILING DATE: 1995-01-13  
; EARLIER APPLICATION NUMBER: 08/245,466  
; EARLIER FILING DATE: 1994-05-18  
; NUMBER OF SEQ ID NOS: 375  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 333  
; LENGTH: 14  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-08-998-099-333

Query Match 4.5% Score 11.4; DB 1; Length 14;  
Best Local Similarity 76.9%; Pred. No. 1.1e+02;  
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1249 TCCGCTGACGACA 1261  
Db 2 UCCCGCTGACGACA 14

RESULT 193  
US-08-310-501-4  
; Sequence 4, Application US/08310501  
; Patent No. 5567687  
; GENERAL INFORMATION:  
; APPLICANT: Magda, Darren  
; APPLICANT: Sessler, Jonathan L.  
; APPLICANT: Iverson, Brent

APPLICANT: Jansen, Petra I.  
APPLICANT: Wright, Meredith  
APPLICANT: Mody, Tarak D.  
APPLICANT: Hemmi, Gregory W.  
TITLE OF INVENTION: Texaphyrins and Uses Thereof  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: Texas  
COUNTRY: US  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/310,501  
FILING DATE: Concurrently herewith  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/112,872  
FILING DATE: 25-AUG-1993  
APPLICATION NUMBER: PCT/US94/06284  
FILING DATE: 09-JUN-1994  
APPLICATION NUMBER: US 07/822,964  
FILING DATE: 21-JAN-1992  
APPLICATION NUMBER: US 08/227,370  
FILING DATE: 14-APR-1994  
APPLICATION NUMBER: US 08/075,123  
FILING DATE: 09-JUN-1993  
APPLICATION NUMBER: US 07/822,964  
FILING DATE: 21-JAN-1992  
APPLICATION NUMBER: US 07/771,393  
FILING DATE: 30-SEP-1991  
APPLICATION NUMBER: US 07/539,975  
FILING DATE: 18-JUN-1990  
APPLICATION NUMBER: PCT/US90/01208  
FILING DATE: 06-MAR-1990  
APPLICATION NUMBER: US 07/320,293  
FILING DATE: 06-MAR-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Parker, David L.  
REGISTRATION NUMBER: 32,165  
REFERENCE/DOCKET NUMBER: PHAY:034/PAR  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 512/418-3000  
TELEFAX: 512/474-7577  
TELEX: n/a  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: RNA (genomic)  
US-08-310-501-4

Query Match 4.5% Score 11.4; DB 1; Length 15;  
Best Local Similarity 69.2%; Pred. No. 1.4e+02;  
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1307 CATCTGACGACG 1319  
Db 1 CAUCUGGACCG 13

RESULT 194  
US-08-382-521-3  
; Sequence 3, Application US/08382521  
; Patent No. 5583116

GENERAL INFORMATION:  
APPLICANT: Morrison, Richard S.  
TITLE OF INVENTION: Method of Inhibiting the Growth of  
TITLE OF INVENTION: bcrf-Dependent Neoplastic Cells  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kojisch Hartwell Dickinson McCormack & Heuser  
STREET: 520 S.W. Yamhill, Suite 200  
CITY: Portland  
STATE: Oregon  
COUNTRY: U.S.A.  
ZIP: 97204  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/382,521  
FILING DATE:  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/124,354  
FILING DATE:  
APPLICATION NUMBER: US 07/818,898  
FILING DATE: 10-JAN-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Dickinson, Jon M.  
REGISTRATION NUMBER: 22820  
REFERENCE/DOCKET NUMBER: 98m 305  
TELEPHONE: (503) 224-6655  
TELEFAX: (503) 295-6679  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-382-521-3

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1295 GGAGTCATGGTC 1307  
DB 1 GGCTGCATGGTC 13

RESULT 195  
US-08-311-760A-228  
Sequence 228, Application US/08311760A  
Patent No. 5599706  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: McSwigen, James  
APPLICANT: Newton, Roger S.  
APPLICANT: Ramharack, Randy  
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF  
TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY  
TITLE OF INVENTION: INHIBITING ABOLIPROTEIN  
NUMBER OF SEQUENCES: 392  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles

STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311,760A  
FILING DATE: September 23, 1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/155  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 228:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-311-760A-228

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 53.8%; Pred. No. 1.4e+02;  
Matches 7; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

OY 1303 TGGTCATCTGTGA 1315  
DB 1 UGUCATCUNUGA 13

RESULT 196  
US-08-469-177-4  
Sequence 4, Application US/08469177  
Patent No. 5607924  
GENERAL INFORMATION:  
APPLICANT: MAGDA, Darren  
APPLICANT: Sessler, Jonathan L.  
APPLICANT: IVERSON, Brent L.  
APPLICANT: SANSOM, Petra I.  
APPLICANT: WRIGHT, Meredith  
TITLE OF INVENTION: DNA PHOTOCLEAVAGE USING TEXAPHYRINS  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pharmacyclics, Inc.  
STREET: 995 East Argue Avenue  
CITY: Sunnyvale  
STATE: California  
COUNTRY: United States of America  
ZIP: 94086  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/469,177  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Larson, Jacqueline S.  
REGISTRATION NUMBER: 30,279  
REFERENCE/DOCKET NUMBER: PHAY.057  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (408) 774-3363  
TELEFAX: (408) 774-0340  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "RNA"  
US-08-469-177-4

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 69.2%; Pred. No. 1.4e+02;  
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1307 CATCTGTCGACG 1319  
Db 1 CAUCUGUGAGCG 13

RESULT 197  
US-08-241-372-1  
Sequence 1, Application US/08241372  
Patent No. 5631237  
GENERAL INFORMATION:  
APPLICANT: Dzau, Victor J  
APPLICANT: Kaneda, Yasufumi  
TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT  
STREET: 4 Embarcadero Center, Suite 3400  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-4187  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/241,372  
FILING DATE: 09-MAY-1994  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Rowland, Bertram I  
REGISTRATION NUMBER: 20,015  
REFERENCE/DOCKET NUMBER: A-59079-1/BIR  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 781-1989  
TELEFAX: (415) 398-3249  
TELEX: 910 277299  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-241-372-1

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1295 GGGTGCATGATC 1307  
Db 1 GGCTGCCATGATC 13

RESULT 198  
US-08-241-372-2/c  
Sequence 2, Application US/08241372  
Patent No. 5631237  
GENERAL INFORMATION:  
APPLICANT: Dzau, Victor J  
APPLICANT: Kaneda, Yasufumi  
TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT  
STREET: 4 Embarcadero Center, Suite 3400  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-4187  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/241,372  
FILING DATE: 09-MAY-1994  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Rowland, Bertram I  
REGISTRATION NUMBER: 20,015  
REFERENCE/DOCKET NUMBER: A-59079-1/BIR  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 781-1989  
TELEFAX: (415) 398-3249  
TELEX: 910 277299  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-241-372-2

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1295 GGGTGCATGATC 1307  
Db 15 GGCTGCCATGATC 3

RESULT 199  
US-08-241-372-12  
Sequence 12, Application US/08241372  
Patent No. 5631237  
GENERAL INFORMATION:  
APPLICANT: Dzau, Victor J  
APPLICANT: Kaneda, Yasufumi  
TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT  
STREET: 4 Embarcadero Center, Suite 3400  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-4187  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/241,372  
FILING DATE: 09-MAY-1994  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Rowland, Berttram I  
REGISTRATION NUMBER: 20, 015  
REFERENCE/DOCKET NUMBER: A-59079-1/BIR  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 781-1989  
TELEFAX: (415) 398-3249  
TELEX: 910 277299  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-241-372-12

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1295 GGGTCCCATGTC 1307  
Db 1 GGCTGCCATGTC 13

RESULT 200  
US-08-241-372-13/C  
Sequence 13, Application US/08241372  
Patent No. 5631237  
GENERAL INFORMATION:  
APPLICANT: Dzaou, Victor J  
APPLICANT: Kaneda, Yasufumi  
TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF  
TITLE OF INVENTION: THERAPEUTIC AGENTS VIA LIPOSOMES  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT  
STREET: 4 Embarcadero Center, Suite 3400  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-4187  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/241,372  
FILING DATE: 09-MAY-1994  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Rowland, Berttram I  
REGISTRATION NUMBER: 20, 015  
REFERENCE/DOCKET NUMBER: A-59079-1/BIR  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 781-1989  
TELEFAX: (415) 398-3249  
TELEX: 910 277299  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-241-372-13

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1295 GGGTCCCATGTC 1307  
Db 15 GGCTGCCATGTC 3

RESULT 201  
US-08-484-551-1  
Sequence 1, Application US/08484551  
Patent No. 5714328  
GENERAL INFORMATION:  
APPLICANT: Magda, Darren  
APPLICANT: Sessler, Jonathan L.  
TITLE OF INVENTION: RNA PHOTOCLEAVAGE USING TEXAPHYRINS  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: Texas  
COUNTRY: United States of America  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/484,551  
FILING DATE: Concurrently herewith  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Parker, David L.  
REGISTRATION NUMBER: 32,165  
REFERENCE/DOCKET NUMBER: PHAY:047/PAR  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (512) 418-3000  
TELEFAX: (512) 747-7577  
TELEX: 79-0924  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "DNA"  
US-08-484-551-1

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1307 CATCTGTAGCG 1319  
Db 1 CATCTGTAGCG 13

RESULT 202  
US-08-484-551-5  
Sequence 5, Application US/08484551  
Patent No. 5714328  
GENERAL INFORMATION:  
APPLICANT: Magda, Darren  
APPLICANT: Sessler, Jonathan L.  
TITLE OF INVENTION: RNA PHOTOCLEAVAGE USING TEXAPHYRINS  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee

STREET: P.O. Box 4433  
CITY: Houston  
STATE: Texas  
COUNTRY: United States of America  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/484,551  
FILING DATE: Concurrently herewith  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Parker, David L.  
REGISTRATION NUMBER: 32,165  
REFERENCE/DOCKET NUMBER: PHAY:047/PAR  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (512) 418-3000  
TELEFAX: (512) 747-7577  
TELEX: 79-0924  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "RNA"  
US-08-484-551-5

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 69.2%; Pred. No. 1.4e+02;  
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

OY 1307 CATCTGTGAGCAG 1319  
||:|:|:|:|:|  
1 CAUCUGAGCCG 13

Db

RESULT 203  
US-08-486-962-18  
Sequence 18, Application US/08486962  
Patent No. 5763172  
GENERAL INFORMATION:  
APPLICANT: Magda, Darren  
APPLICANT: Seesler, Jonathan L.  
APPLICANT: Wright, Meredith  
APPLICANT: Ross, Kevin L.  
APPLICANT: Miller, Richard A.  
APPLICANT: Dow, William C.  
APPLICANT: Kral, Vladimir A.  
APPLICANT: Smith, Daniel A.  
TITLE OF INVENTION: METHOD OF PHOSPHATE ESTER HYDROLYSIS  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pharmacyclics, Inc.  
STREET: 995 E. Arques Avenue  
CITY: Sunnyvale  
STATE: California  
COUNTRY: USA  
ZIP: 94086-4521  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/486,962  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:

NAME: Larson, Jacqueline S.  
REGISTRATION NUMBER: 30,279  
REFERENCE/DOCKET NUMBER: PHAY:053  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (408) 774-0330  
TELEFAX: (408) 774-0340  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "DNA"  
US-08-486-962-18

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1307 CATCTGTGAGCAG 1319  
||:|:|:|:|:|  
1 CATCTGTGAGCCG 13

Db

RESULT 204  
US-08-110-294A-6  
Sequence 6, Application US/08110294A  
Patent No. 5821234  
GENERAL INFORMATION:  
APPLICANT: Dzaou, Victor J  
TITLE OF INVENTION: Inhibition of Proliferation of Vascular  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Allegretti & Witcoff, Ltd.  
STREET: 10 South Wacker Dr.  
CITY: Chicago  
STATE: IL  
COUNTRY: USA  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/110,294A  
FILING DATE: 20-AUG-1993  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/063,980  
FILING DATE: 19-MAY-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/944,882  
FILING DATE: 10-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: McDonnell, John J  
REGISTRATION NUMBER: 26,949  
REFERENCE/DOCKET NUMBER: 93,510-B  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-715-1000  
TELEFAX: 312-715-1234  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-110-294A-6

Query Match 4.5%; Score 11.4; DB 1; Length 15;

Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1295 GGGTCCATGTC 1307

Db 1 GGGTCCATGTC 13

## RESULT 205

US-08-110-294A-7/C  
Sequence 7, Application US/08110294A  
Patent No. 5821234  
GENERAL INFORMATION:  
APPLICANT: Dzaou, Victor J  
TITLE OF INVENTION: Inhibition of Proliferation of Vascular  
TITLE OF INVENTION: Smooth Muscle Cell  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Allegretti & Witcoff, Ltd.  
STREET: 10 South Wacker Dr.  
CITY: Chicago  
STATE: IL  
COUNTRY: USA  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/110,294A  
FILING DATE: 20-AUG-1993  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/063,980  
FILING DATE: 19-MAY-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/944,882  
FILING DATE: 10-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: McDonnell, John J  
REGISTRATION NUMBER: 26,949  
REFERENCE/DOCKET NUMBER: 93,510-B  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-715-1000  
TELEFAX: 312-715-1234  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-110-294A-7

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1295 GGGTCCATGTC 1307

Db 15 GGGTCCATGTC 3

## RESULT 206

US-08-292-620A-244/C  
Sequence 244, Application US/08292620A  
Patent No. 5837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan

APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992

two

ATTORNEY/AGENT INFORMATION:  
NAME: Walburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 244:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-244

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1278 GAGGCGAGAGCC 1290

Db 15 GAGGCGAGAGCC 3

RESULT 207  
US-08-389-926-6  
Sequence 6, Application US/08389926  
Patent No. 5869462

GENERAL INFORMATION:  
APPLICANT: Dzaou, Victor J  
TITLE OF INVENTION: Inhibition of Proliferation of Vascular  
TITLE OF INVENTION: Smooth Muscle Cell  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Banner & Allegretti, Ltd.  
STREET: 10 South Wacker Dr.  
CITY: Chicago  
STATE: IL  
COUNTRY: USA  
ZIP: 60606

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/389,926  
FILING DATE: 16 FEB 1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/063,980  
FILING DATE: 19-MAY-1993  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/944,882  
FILING DATE: 10-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: McDonnell, John J  
REGISTRATION NUMBER: 26,949  
REFERENCE/DOCKET NUMBER: 93,510-D  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-715-1000  
TELEFAX: 312-715-1234  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-389-926-6

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1295 GGGTGCATGTC 1307  
Db 1 GGCTGCCATGTC 13

RESULT 208  
US-08-389-926-7/C  
Sequence 7, Application US/08389926  
Patent No. 5869462  
GENERAL INFORMATION:  
APPLICANT: Dsau, Victor J  
TITLE OF INVENTION: Inhibition of Proliferation of Vascular  
CELLS  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Banner & Allegretti, Ltd.  
STREET: 10 South Wacker Dr.  
CITY: Chicago  
STATE: IL  
COUNTRY: USA  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/389,926  
FILING DATE: 16 FEB 1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/063,980  
FILING DATE: 19-MAY-1993  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/944,882  
FILING DATE: 10-SEP-1992

ATTORNEY/AGENT INFORMATION:  
NAME: McDonnell, John J  
REGISTRATION NUMBER: 26,949  
REFERENCE/DOCKET NUMBER: 93,510-D  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-715-1000  
TELEFAX: 312-715-1234  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-389-926-7

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1295 GGGTGCATGTC 1307  
Db 15 GGCTGCCATGTC 3

RESULT 209  
US-08-613-417A-31  
Sequence 31, Application US/08613417A  
Patent No. 5874553  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OF INVENTION: Phosphonomonoester nucleic acids,  
process for their preparation, and their use  
NUMBER OF SEQUENCES: 33  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/613,417A  
FILING DATE:  
CLASSIFICATION: 514  
INFORMATION FOR SEQ ID NO: 31:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ANTI-SENSE: yes  
FEATURE:  
NAME/KEY: exon  
LOCATION: 1..15  
US-08-613-417A-31

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1295 GGGTGCATGTC 1307  
Db 1 GGCTGCCATGTC 13

RESULT 210  
US-08-774-310-228  
Sequence 228, Application US/08774310  
Patent No. 5877022  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: McSwiggen, James  
APPLICANT: Newton, Roger S.



APPLICANT: Ramharack, Randy  
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF  
TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY  
TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN  
TITLE OF INVENTION:  
NUMBER OF SEQUENCES: 392  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/774,310  
FILING DATE: December 23, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/311,760  
FILING DATE: September 23, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Wardburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 223/229  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 228:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-774-310-228  
Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 53.8%; Pred. No. 1.4e+02;  
Matches 7; Conservative 5; Mismatches 1; Indels 0; Gaps 0;  
Oy 1303 TGGTCATCTGTGA 1315  
Db 1 UGGUCACUACUGA 13  
RESULT 211  
US-08-760-870-3  
Sequence 3, Application US/08760870  
Patent No. 5935856  
GENERAL INFORMATION:  
APPLICANT: Morrison, Richard S.  
TITLE OF INVENTION: Method of Inhibiting the Growth of  
TITLE OF INVENTION: bFGF-Dependent Neoplastic Cells  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kolisch Hartwell Dickinson McCormack & Heuser  
STREET: 520 S.W. Yamhill, Suite 200  
CITY: Portland  
STATE: Oregon  
COUNTRY: U.S.A.  
ZIP: 97204  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/760,870  
FILING DATE: 09-DEC-1996  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Van Rysselberghe, Pierre C.  
REGISTRATION NUMBER: 33,557  
REFERENCE/DOCKET NUMBER: LGY 305BA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (503) 224-6655  
TELEFAX: (503) 295-6679  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-760-870-3  
Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Oy 1295 GGGTCCCATGTGC 1307  
Db 1 GGGTCCCATGTGC 13  
RESULT 212  
US-08-594-452-31  
Sequence 31, Application US/08594452  
Patent No. 6013639  
GENERAL INFORMATION:  
APPLICANT: PEYMAN, Anuschirvan  
APPLICANT: UHLMANN, Eugen  
TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 105  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 3000 K Street, N.W., Suite 500  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/594,452  
FILING DATE: 31-JAN-1996  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DE 195 02 912.7  
FILING DATE: 31-JAN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: SANDERCOCK, Colin G.  
REGISTRATION NUMBER: 31,298  
REFERENCE/DOCKET NUMBER: 18748/264/HOCE  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 672-5300  
TELEFAX: (202) 672-5399  
TELEX: 904136  
INFORMATION FOR SEQ ID NO: 31:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-594-452-31

Query Match 4.5%; Score 11.4; DB 1; Length 15;

Best Local Similarity 92.3%; Pred. No. 1.4e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1295 GGGTGCATGGTC 1307

Db 1 GGCTGCCATGGTC 13

RESULT 213

US-09-258-408-31

; Sequence 31, Application US/09258408

; Patent No. 6121434

; GENERAL INFORMATION:

; APPLICANT: PEYMAN, Anuschirwan

; APPLICANT: UHLMANN, Eugen

; TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES

; NUMBER OF SEQUENCES: 105

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Foley &amp; Lardner

; STREET: 3000 K Street, N.W., Suite 500

; CITY: Washington

; STATE: D.C.

; COUNTRY: USA

; ZIP: 20007-5109

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/258,408

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/594,452

; FILING DATE:

; GENERAL INFORMATION:

; ATTORNEY/AGENT INFORMATION:

; NAME: SANDERCOCK, Colin G.

; REGISTRATION NUMBER: 31,298

; REFERENCE/DOCKET NUMBER: 18748/264/HOCE

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (202) 672-5300

; TELEFAX: (202) 672-5399

; TELEX: 904136

; INFORMATION FOR SEQ ID NO: 31:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-258-408-31

Query Match 4.5%; Score 11.4; DB 1; Length 15;

Best Local Similarity 92.3%; Pred. No. 1.4e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1295 GGGTGCATGGTC 1307

Db 1 GGCTGCCATGGTC 13

RESULT 214

US-09-196-132-31

; Sequence 31, Application US/09196132

; Patent No. 6127346

; GENERAL INFORMATION:

; APPLICANT:

; TITLE OF INVENTION: Phosphonomonoester nucleic acids,

; TITLE OF INVENTION: process for their preparation, and their use

; NUMBER OF SEQUENCES: 33

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/196,132

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/613,417

; FILING DATE:

; INFORMATION FOR SEQ ID NO: 31:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

; ANTI-SENSE: yes

; FEATURE:

; NAME/KEY: exon

; LOCATION: 1..15

US-09-196-132-31

Query Match 4.5%; Score 11.4; DB 1; Length 15;

Best Local Similarity 92.3%; Pred. No. 1.4e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1295 GGGTGCATGGTC 1307

Db 1 GGCTGCCATGGTC 13

RESULT 215

US-09-071-845-244/C

; Sequence 244, Application US/09071845

; Patent No. 6132967

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm

; APPLICANT: James McSwiggen

; APPLICANT: Sean Sullivan

; APPLICANT: Kenneth G. Draper

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; TITLE OF INVENTION: INTRACELLULAR ADHESION

; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

; NUMBER OF SEQUENCES: 2390

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon &amp; Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/071,845

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/292,620

; FILING DATE: August 17, 1994

; APPLICATION NUMBER: 08/008,895

; FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 244:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-244

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1278 GAGGCGACAGACC 1290  
DB 15 GAGGCGACAGACC 3

RESULT 216  
US-08-410-390-2  
Sequence 2, Application US/08410390  
Patent No. 6214974  
GENERAL INFORMATION:  
APPLICANT: Rosenblum, Michael G.  
APPLICANT: Donato, Nicholas J.  
TITLE OF INVENTION: Avidin Biotin Immunoconjugates  
FILE REFERENCE: D5702C  
CURRENT APPLICATION NUMBER: US/08/410,390  
CURRENT FILING DATE: 1995-03-27  
PRIOR APPLICATION NUMBER: US 08/192,655  
PRIOR FILING DATE: 1994-07-02  
NUMBER OF SEQ ID NOS: 3  
SEQ ID NO 2  
LENGTH: 15  
TYPE: DNA  
ORGANISM: artificial sequence  
FEATURE:  
OTHER INFORMATION: Antisense nucleic acid sequence against  
OTHER INFORMATION: translation start site in bFGF mRNA  
US-08-410-390-2

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1295 GGGTGCATGCTC 1307  
DB 1 GGGTGCATGCTC 13

RESULT 217  
US-09-275-850-19  
Sequence 19, Application US/09275850A  
Patent No. 6261774  
GENERAL INFORMATION:  
APPLICANT: Pagratlis, Nikos  
APPLICANT: Gold, Larry  
APPLICANT: Sheatland, Timur  
APPLICANT: Javornik, Brenda  
TITLE OF INVENTION: Truncation SELEX Method  
FILE REFERENCE: NEX 79  
CURRENT APPLICATION NUMBER: US/09/275,850A  
CURRENT FILING DATE: 1999-03-24  
NUMBER OF SEQ ID NOS: 351

SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 19  
LENGTH: 15  
TYPE: RNA  
ORGANISM: E. coli  
US-09-275-850-19

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1257 CAGCAACGCTGG 1269  
DB 3 CAGCAACGCGCG 15

RESULT 218  
US-08-337-120A-25  
Sequence 25, Application US/08337120A  
Patent No. 6348312  
GENERAL INFORMATION:  
APPLICANT: Peyman, Anuschirwan  
APPLICANT: Uhlmann, Eugen  
APPLICANT: Mag, Mathias  
APPLICANT: Kretzschmar, Gerhard  
APPLICANT: Heleberg, Mathias  
APPLICANT: Winkler, Irvin  
TITLE OF INVENTION: Stabilized Oligonucleotides And Their  
TITLE OF INVENTION: Use  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
STREET: 1300 I Street, N.W., Suite 700  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20005-3315  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/337,120A  
FILING DATE: 12-NOV-1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DE P 43 38 704.7  
FILING DATE: 12-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Elnaudi, Carol P.  
REGISTRATION NUMBER: 32,220  
REFERENCE/DOCKET NUMBER: 02481.1409-00000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202)408-4000  
TELEFAX: (202)408-4400  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-337-120A-25

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1295 GGGTGCATGCTC 1307  
DB 1 GGGTGCATGCTC 13

```
RESULT 219
US-09-450-072-22
; Sequence 22, Application US/09450072
; Patent No. 6358734
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; TITLE OF INVENTION: Compounds for Treatment of Infectious and Immune System Disorders
; FILE REFERENCE: 11000.1042c1
; CURRENT APPLICATION NUMBER: US/09/450,072
; CURRENT FILING DATE: 1999-11-29
; EARLIER APPLICATION NUMBER: 09/351,348
; EARLIER FILING DATE: 1999-07-12
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 22
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Made in a lab
US-09-450-072-22

Query Match          4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1359 GCAGCTGAGGCTT 1371
        |||||
Db      2 GCAGCTGAGGCTT 14

RESULT 220
US-09-351-348-22
; Sequence 22, Application US/09351348
; Patent No. 6436898
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; TITLE OF INVENTION: Compounds and Methods for the Treatment
; TITLE OF INVENTION: of Mycobacterial Infections with Multi-Epitope Vaccines
; FILE REFERENCE: 11000.1042
; CURRENT APPLICATION NUMBER: US/09/351,348
; CURRENT FILING DATE: 1999-07-12
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 22
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Made in a lab
US-09-351-348-22

Query Match          4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1359 GCAGCTGAGGCTT 1371
        |||||
Db      2 GCAGCTGAGGCTT 14

RESULT 221
US-09-527-030G-101
; Sequence 101, Application US/09527030G
; Patent No. 6482588
; GENERAL INFORMATION:
; APPLICANT: VAN DOORN, Leen-Jan et al.
; TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and t
; TITLE OF INVENTION: specific reverse hybridization.
; FILE REFERENCE: 3501-0101P
```

```
; CURRENT APPLICATION NUMBER: US/09/527,030G
; CURRENT FILING DATE: 2000-03-16
; NUMBER OF SEQ ID NOS: 497
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 101
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Type specific probe derived from the Human Papillomavirus (HPV)
US-09-527-030G-101

Query Match          4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1232 GCATGCTGGCA 1244
        |||||
Db      1 GCATGCTGGCA 13

RESULT 222
US-09-835-370-8
; Sequence 8, Application US/09835370
; Patent No. 6777544
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BREIPOHL, GERHARD
; APPLICANT: WILL, DAVID W
; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
; TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
; FILE REFERENCE: 02481.1742 SEQUENCE LISTING
; CURRENT APPLICATION NUMBER: US/09/835,370
; CURRENT FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: nucleotide
; OTHER INFORMATION: base sequence of pna derivatives that bind to
; OTHER INFORMATION: viral and cellular targets
US-09-835-370-8

Query Match          4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1295 GGGTGCATGTC 1307
        |||||
Db      1 GGCTGCCATGTC 13

RESULT 223
PCT-US95-05420-1
; Sequence 1, Application PC/TUS9505420
; GENERAL INFORMATION:
; APPLICANT: Dzau, Victor J
; APPLICANT: Kaneda, Yasutomi
; TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF
; TITLE OF INVENTION: THERAPEUTIC AGENTS VIA LIPOSOMES
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOEBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
```

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/05420  
FILING DATE: 28 April 1995  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Rowland, Berttram I  
REGISTRATION NUMBER: 20,015  
REFERENCE/DOCKET NUMBER: FP-59079-1/BIR  
TELEPHONE: (415) 781-1989  
TELEFAX: (415) 398-3249  
TELEX: 910 277299  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
PCT-US95-05420-1

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1295 GGGTGCATGGTC 1307  
Db 1 GGCTGCCATGGTC 13

RESULT 224  
PCT-US95-05420-2/c  
Sequence 2, Application PC/TUS9505420  
GENERAL INFORMATION:  
APPLICANT: Dzaou, Victor J  
TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSER: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT  
STREET: 4 Embarcadero Center, Suite 3400  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-4187  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/05420  
FILING DATE: 28 April 1995  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Rowland, Berttram I  
REGISTRATION NUMBER: 20,015  
REFERENCE/DOCKET NUMBER: FP-59079-1/BIR  
TELEPHONE: (415) 781-1989  
TELEFAX: (415) 398-3249  
TELEX: 910 277299  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA

PCT-US95-05420-2  
Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1295 GGGTGCATGGTC 1307  
Db 15 GGCTGCCATGGTC 3

RESULT 225  
PCT-US95-05420-12  
Sequence 12, Application PC/TUS9505420  
GENERAL INFORMATION:  
APPLICANT: Dzaou, Victor J  
TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSER: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT  
STREET: 4 Embarcadero Center, Suite 3400  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-4187  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/05420  
FILING DATE: 28 April 1995  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Rowland, Berttram I  
REGISTRATION NUMBER: 20,015  
REFERENCE/DOCKET NUMBER: FP-59079-1/BIR  
TELEPHONE: (415) 781-1989  
TELEFAX: (415) 398-3249  
TELEX: 910 277299  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
PCT-US95-05420-12

Query Match 4.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1295 GGGTGCATGGTC 1307  
Db 1 GGCTGCCATGGTC 13

RESULT 226  
PCT-US95-05420-13/c  
Sequence 13, Application PC/TUS9505420  
GENERAL INFORMATION:  
APPLICANT: Dzaou, Victor J  
TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSER: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT

```
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05420
FILING DATE: 28 April 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Berttram I.
REGISTRATION NUMBER: 20,015
REFERENCE/DOCKET NUMBER: FP-59079-1/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
PCT-US95-05420-13
```

```
Query Match          4.5%  Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%  Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Oy      1295 GCGTCGCATGTC 1307
      |||||
Db      15 GCGTCGCATGTC 3
```

```
RESULT 227
US-09-527-030G-166
; Sequence 166, Application US/09527030G
; Patent No. 6482588
; GENERAL INFORMATION:
; APPLICANT: VAN DOORN, Leen-Jan et al.
; TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and r
; FILE REFERENCE: 3501-0101P
; CURRENT APPLICATION NUMBER: US/09/527,030G
; CURRENT FILING DATE: 2000-03-16
; NUMBER OF SEQ ID NOS: 497
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 166
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Probe derived from the Human Papillomavirus (HPV)
US-09-527-030G-166
```

```
Query Match          4.5%  Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%  Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Oy      1232 GCATGTGCTGCA 1244
      |||||
Db      2 GCATTGCTGCA 14
```

```
RESULT 228
US-09-744-154-7/c
; Sequence 7, Application US/09744154
```

```
; Patent No. 6551783
; GENERAL INFORMATION:
; APPLICANT: CAREY, JANET E.
; TITLE OF INVENTION: QUANTITATIVE ANALYSIS OF GENE EXPRESSION USING PCR
; FILE REFERENCE: 620-126
; CURRENT APPLICATION NUMBER: US/09/744,154
; CURRENT FILING DATE: 2001-02-01
; PRIOR APPLICATION NUMBER: PCT/GB99/02359
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: GB 9815799.3
; PRIOR FILING DATE: 1998-07-21
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 7
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-744-154-7
```

```
Query Match          4.5%  Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%  Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Oy      1375 AGAGCAGCTGCG 1387
      |||||
Db      15 AGAGCCGCTGCG 3
```

```
RESULT 229
US-07-988-194A-12
; Sequence 12, Application US/07988194A
; Patent No. 5359046
; GENERAL INFORMATION:
; APPLICANT: Capon, Daniel J.
; APPLICANT: Welts, Arthur
; APPLICANT: Irving, Brian A.
; APPLICANT: Roberts, Margo R.
; APPLICANT: Zeebo, Kristina
; TITLE OF INVENTION: Chimeric Chains for Receptor
; TITLE OF INVENTION: Associated Signal Transduction Pathways
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Teet, Albritton &
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/988,194A
; FILING DATE: December 9, 1992
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Berttram I.
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A-55107-1 CELL-0051
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
```

MOLECULE TYPE: CDNA  
US-07-988-194A-12

Query Match 4.4%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 1.8e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1240 TGCAGTGTCCGCT 1255  
Db 1 TAGCAGAGTCCAGCT 16

RESULT 230  
US-08-485-942A-89/c

Sequence 89, Application US/08485942A  
Patent No. 6048837

GENERAL INFORMATION:

APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,  
APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BURLE  
TITLE OF INVENTION: OB POLYPEPTIDE AS MODULATORS OF BODY WEIGHT (AS  
TITLE OF INVENTION: AMENDED)  
NUMBER OF SEQUENCES: 99

CORRESPONDENCE ADDRESS:

ADDRESSEE: Klauber & Jackson  
STREET: 411 Hackensack Avenue

CITY: Hackensack  
STATE: New Jersey

COUNTRY: USA  
ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/485,942A  
FILING DATE: JUNE 7, 1995

CLASSIFICATION:

Prior Application DATA:  
APPLICATION NUMBER: 08/438,431  
FILING DATE: May 10, 1995

CLASSIFICATION:

Prior Application DATA:  
APPLICATION NUMBER: 08/347,563  
FILING DATE: No. 6048837ember 30, 1994

CLASSIFICATION:

Prior Application DATA:  
APPLICATION NUMBER: 08/292,345  
FILING DATE: August 17, 1994

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2F  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684

TELEX: 133521

INFORMATION FOR SEQ ID NO: 89:

SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: DNA (primer)  
DESCRIPTION: Marker AFM199xh12

HYPOTHETICAL: NO  
ANTI-SENSE: NO

ORIGINAL SOURCE:  
ORGANISM: Human

US-08-485-942A-89

Query Match 4.4%; Score 11.2; DB 1; Length 16;

Best Local Similarity 81.2%; Pred. No. 1.8e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1209 GCAGCATCTGTGAGA 1224  
Db 16 GCAGCAGCAATCAGA 1

RESULT 231

US-08-488-214A-89/c  
Sequence 89, Application US/08488214A

Patent No. 6124439

GENERAL INFORMATION:

APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,  
APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BURLE  
TITLE OF INVENTION: OB POLYPEPTIDE ANTIBODIES AND METHOD OF MAKING  
TITLE OF INVENTION: (AS AMENDED)  
NUMBER OF SEQUENCES: 99

CORRESPONDENCE ADDRESS:

ADDRESSEE: Klauber & Jackson  
STREET: 411 Hackensack Avenue

CITY: Hackensack  
STATE: New Jersey

COUNTRY: USA  
ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/488,214A  
FILING DATE: JUNE 7, 1995

CLASSIFICATION:

Prior Application DATA:  
APPLICATION NUMBER: 08/438,431  
FILING DATE: May 10, 1995

CLASSIFICATION:

Prior Application DATA:  
APPLICATION NUMBER: 08/347,563  
FILING DATE: No. 6124439ember 30, 1994

CLASSIFICATION:

Prior Application DATA:  
APPLICATION NUMBER: 08/292,345  
FILING DATE: August 17, 1994

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2D  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684

TELEX: 133521

INFORMATION FOR SEQ ID NO: 89:

SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: DNA (primer)  
DESCRIPTION: Marker AFM199xh12

HYPOTHETICAL: NO  
ANTI-SENSE: NO

ORIGINAL SOURCE:  
ORGANISM: Human

US-08-488-214A-89

Query Match 4.4%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 1.8e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1209 GCAGCATCTGTGAGA 1224

Db ||||| | |||||  
16 GCAGCCAGCAATCAGA 1

```
RESULT 232
US-08-488-208A-89/c
; Sequence 89, Application US/08488208A
; Patent No. 6124448
GENERAL INFORMATION:
APPLICANT: THE ROCKEFELLER UNIVERSITY
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
TITLE OF INVENTION: USES THEREOF
NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,208A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/485,943
FILING DATE: June 7, 1995
APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6124448member 30, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 89:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: Marker AFM199xh12
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Human
US-08-488-208A-89

Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
RESULT 233
US-08-483-211A-89/c
; Sequence 89, Application US/08483211A
; Patent No. 6309853
GENERAL INFORMATION:
APPLICANT: THE ROCKEFELLER UNIVERSITY
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
TITLE OF INVENTION: USES THEREOF
NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,211A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/485,943
FILING DATE: June 7, 1995
APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6309853member 30, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 89:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: Marker AFM199xh12
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Human
US-08-483-211A-89

Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```



RESULT 234  
US-08-479-737-12  
; Sequence 12, Application US/08479737  
; Patent No. 6319494  
; GENERAL INFORMATION:  
; APPLICANT: Capon, Daniel J  
; Weiser, Arthur  
; Irving, Brian A  
; Roberts, Margo R  
; Zeebo, Kristina  
; TITLE OF INVENTION: CHIMERIC CHAINS FOR RECEPTOR ASSOCIATED  
; SIGNAL TRANSDUCTION PATHWAYS  
; NUMBER OF SEQUENCES: 51  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CELL GENESYS, INC.  
; STREET: 322 Lakeside Drive  
; CITY: Foster City  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/479,737  
; FILING DATE: 07-Jun-1995  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/238,405  
; FILING DATE: 05-MAY-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mandel, Saralynn  
; REGISTRATION NUMBER: 31,853  
; REFERENCE/DOCKET NUMBER: Cell 5.3  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 358-9600  
; TELEFAX: (415) 358-0803  
; INFORMATION FOR SEQ ID NO: 12:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; SEQUENCE DESCRIPTION: SEQ ID NO: 12:  
US-08-479-737-12  
Query Match 4.4%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 1.8e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
CY 1240 TGCGAGTGTCTCGGCT 1255  
DB 1 TAGCAGAGCTCAGCT 16  
RESULT 235  
US-08-488-223A-89/c  
; Sequence 89, Application US/08488223A  
; Patent No. 6350730  
; GENERAL INFORMATION:  
; APPLICANT: THE ROCKEFELLER UNIVERSITY  
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC  
; ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USES THE  
; NUMBER OF SEQUENCES: 98  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Klauber & Jackson  
; STREET: 411 Hackensack Avenue  
; CITY: Hackensack  
; STATE: New Jersey  
; COUNTRY: USA

ZIP: 07601  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/488,223A  
; FILING DATE: 07-Jun-1995  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/485,943  
; FILING DATE: <Unknown>  
; APPLICATION NUMBER: 08/347,563  
; FILING DATE: No. 6350730ember 30, 1994  
; APPLICATION NUMBER: 08/292,345  
; FILING DATE: August 17, 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jackson Esq., David A.  
; REGISTRATION NUMBER: 26,742  
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP21  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 201 343-1684  
; TELEFAX: 201 487-5800  
; TELEX: 133521  
; INFORMATION FOR SEQ ID NO: 89:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (primer)  
; DESCRIPTION: Marker AFM199xh12  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; ORGANISM: Human  
; SEQUENCE DESCRIPTION: SEQ ID NO: 89:  
US-08-488-223A-89  
Query Match 4.4%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 1.8e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
CY 1209 GCAGCCATCTCTCAGA 1224  
DB 16 GCAGCCAGCATCAGA 1  
RESULT 236  
US-08-801-308-3  
; Sequence 3, Application US/08801308  
; Patent No. 6368790  
; GENERAL INFORMATION:  
; APPLICANT: Scott, Robert E.  
; TITLE OF INVENTION: cDNA ENCODING P2P PROTEINS AND USE OF  
; TITLE OF INVENTION: P2P cDNA-DERIVED ANTIBODIES AND ANTISENSE REAGENTS IN  
; TITLE OF INVENTION: DETERMINING THE PROLIFERATIVE POTENTIAL OF NORMAL,  
; ABNORMAL AND CANCER CELLS IN ANIMALS AND HUMANS  
; NUMBER OF SEQUENCES: 4  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Weiser & Associates, P.C.  
; STREET: 230 S. Fifteenth Street, Suite 500  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19102  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/801,308  
FILING DATE: 18-FEB-1997  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Weiser, Gerard J.  
REGISTRATION NUMBER: 19,763  
REFERENCE/DOCKET NUMBER: 372.6435P  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-875-8383  
TELEFAX: 215-875-8394  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-801-308-3

Query Match 4.4%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 1.8e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1374 CAGACGACGCTGCGTT 1389  
Db 1 CAGCAGGAGCTGTGTT 16

## RESULT 237

US-08-438-431A-89/c

Sequence 89, Application US/08438431A  
Patent No. 6429290

GENERAL INFORMATION:

APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, MARGHERITA MAFFEI,  
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND PR

NUMBER OF SEQUENCES: 99

CORRESPONDENCE ADDRESS:

ADDRESSEE: Klauber & Jackson  
STREET: 411 Hackensack Avenue

CITY: Hackensack  
STATE: New Jersey

COUNTRY: USA  
ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/438,431A

FILING DATE: May 10, 1995  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/347,563

FILING DATE: No. 6429290ember 30, 1994  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/292,345

FILING DATE: August 17, 1994  
CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-087 CIP1

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201 487-5800

TELEFAX: 201 343-1684  
TELEX: 133521

INFORMATION FOR SEQ ID NO: 89:  
SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: DNA (primer)  
DESCRIPTION: Marker AFM199xh12  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Human  
US-08-438-431A-89

Query Match 4.4%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 1.8e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1209 GCAGCCATCTGTGAGA 1224  
Db 16 GCAGCCAGCATCAGA 1

## RESULT 238

US-08-535-249-39

Sequence 39, Application US/08535249  
Patent No. 6455689

GENERAL INFORMATION:

APPLICANT: Schlingensiepen, Georg-Ferdinand  
APPLICANT: Brysch, Wolfgang

APPLICANT: Schlingensiepen, Karl-Hermann  
APPLICANT: Schlingensiepen, Reimar

APPLICANT: Bogdahn, Ulrich  
TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of

immuno-suppressive effect of transforming-growth-factor beta (7  
NUMBER OF SEQUENCES: 137

CORRESPONDENCE ADDRESS:

ADDRESSEE: Jacobson, Price, Holman & Stern  
STREET: 400 Seventh St. N.W.

CITY: Washington D.C  
COUNTRY: U.S.A.

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/535,249

FILING DATE:  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 93 107 089.0

FILING DATE: 30-APR-1993  
APPLICATION NUMBER: EP 93 107 849.7

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 93 107 849.7

FILING DATE: 13-MAY-1993  
ATTORNEY/AGENT INFORMATION:

NAME: Player, William E.  
REGISTRATION NUMBER: 31,409

REFERENCE/DOCKET NUMBER: 10577/P58418  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 638-6666  
TELEFAX: (202) 393-5350

TELEX: RCA 248593 IDEA UR  
INFORMATION FOR SEQ ID NO: 39:

SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs

TYPE: nucleic acid  
STRANDEDNESS: unknown

TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)

ANTI-SENSE: YES  
US-08-535-249-39

Query Match 4.4%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 1.8e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy	1254	CTGCAGCAACAGCTGG	1265
Db	1	CTGAAGCAATAGTTGG	16

```

1      RESULT 239
2      US-08-488-225A-89/C
3      / Sequence 89, Application US/08488225A
4      / Patent No. 6471956
5      / GENERAL INFORMATION:
6      / APPLICANT: THE ROCKEFELLER UNIVERSITY
7      / TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
8      / TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USES
9      / NUMBER OF SEQUENCES: 98
10     / CORRESPONDENCE ADDRESS:
11     / ADDRESSEE: Klauber & Jackson
12     / STREET: 411 Hackensack Avenue
13     / CITY: Hackensack
14     / STATE: New Jersey
15     / COUNTRY: USA
16     / ZIP: 07601
17     / COMPUTER READABLE FORM:
18     / MEDIUM TYPE: Floppy disk
19     / COMPUTER: IBM PC compatible
20     / OPERATING SYSTEM: PC-DOS/MS-DOS
21     / SOFTWARE: Patent in Release #1.0, Version #1.25
22     / CURRENT APPLICATION DATA:
23     / APPLICATION NUMBER: US/08/488,225A
24     / FILING DATE: June 7, 1995
25     / CLASSIFICATION: 435
26     / PRIOR APPLICATION DATA:
27     / APPLICATION NUMBER: 08/483,211
28     / FILING DATE: June 7, 1995
29     / CLASSIFICATION: 435
30     / PRIOR APPLICATION DATA:
31     / APPLICATION NUMBER: 08/438,431
32     / FILING DATE: May 10, 1995
33     / CLASSIFICATION: 435
34     / PRIOR APPLICATION DATA:
35     / APPLICATION NUMBER: 08/347,563
36     / FILING DATE: No. 6471956member 30, 1994
37     / CLASSIFICATION: 435
38     / PRIOR APPLICATION DATA:
39     / APPLICATION NUMBER: 08/292,345
40     / FILING DATE: August 17, 1994
41     / CLASSIFICATION: 435
42     / ATTORNEY/AGENT INFORMATION:
43     / NAME: Jackson Esq., David A.
44     / REGISTRATION NUMBER: 26,742
45     / REFERENCE/DOCKET NUMBER: 600-1-087 CIP2J
46     / TELECOMMUNICATION INFORMATION:
47     / TELEPHONE: 201 487-5800
48     / TELEFAX: 201 343-1684
49     / TELEX: 133521
50     / INFORMATION FOR SEQ ID NO: 89:
51     / SEQUENCE CHARACTERISTICS:
52     / LENGTH: 16 base pairs
53     / TYPE: nucleic acid
54     / STRANDEDNESS: single
55     / TOPOLOGY: linear
56     / MOLECULE TYPE: DNA (primer)
57     / DESCRIPTION: Marker AFM199xh12
58     / HYPOTHEetical: NO
59     / ANTI-SENSE: NO
60     / ORIGINAL SOURCE:
61     / ORGANISM: Human
62     / IS-08-488-225A-89

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Query Match	4.4%	Score 11.2;	DB 1;	Length 16;
Best Local Similarity	81.2%;	Pred. NO. 1.8e+02;		
Matches 13;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0
Qy	1209	GCACCATCTGTCA	GA	1224

GCAGCCAGCAATCAGA 1

RESULT 240  
US-09-060-299-443/C  
Sequence 443, Application US/09060299  
Patent No. 6545137  
GENERAL INFORMATION:  
APPLICANT: Todd, John A  
APPLICANT: Heese, John W  
APPLICANT: Caskey, Charles T  
APPLICANT: Cox, Roger D  
APPLICANT: Gerhold, David  
APPLICANT: Hammond, Holly  
APPLICANT: Hey, Patricia  
APPLICANT: Kawaguchi, Yoshiniko  
APPLICANT: Merriman, Tony R  
APPLICANT: Mettke, Michael L  
TITLE OF INVENTION: No. 6545137el Receptor  
NUMBER OF SEQUENCES: 455  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye  
STREET: 1100 No. 6545137th Glebe Road, Eighth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/060,299  
FILING DATE: 15-Apr-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-Apr-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J.Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-35  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 443:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
US-09-060-299-443

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Query Match          4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0.

QY      1395 GAGCTGCTGCACAGAC 1410
          | | | | | | | | | |
Db       16 GGGCTGCTGCACAGAC 1

RESULT 241
US-09-402-923A-443/C
; Sequence 443, Application US/09402923A
; Patent No. 6555654
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; Hess, John W

```

```
;
; Caskey, Charles T
; Cox, Roger D
; Gerhold, David
; Hammond, Holly
; Hey, Patricia
; Kawaguchi, Yoshihiko
; Merriman, Tony R
; Metzker, Michael L
; TITLE OF INVENTION: No. 6555654e1 LDL-Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESS: Nixon and Vandertye
; STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,923A
; FILING DATE: 14-Feb-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB98/01102
; FILING DATE: 15-APR-1998
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J. Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 443:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 443:
;
; US-09-402-923A-443
;
; Query Match 4.4%; Score 11.2; DB 1; Length 16;
; Best Local Similarity 81.2%; Pred. No. 1.8e+02;
; Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 1395 GAGCTGCTGCACAGACC 1410
; DB 16 GGCGCTGCTGCACAGACC 1
;
; RESULT 242
; US-09-829-855-47/c
; Sequence 47, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; PRIOR APPLICATION NUMBER: 2001-04-10
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: Patentin version 3.1
```

```
;
; SEQ ID NO 47
; LENGTH: 16
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: unidentified soil organism
; US-09-829-855-47
;
; Query Match 4.4%; Score 11.2; DB 1; Length 16;
; Best Local Similarity 81.2%; Pred. No. 1.8e+02;
; Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 1396 AGCTGCTGCACAGACC 1411
; DB 16 AGCTGCGGACAGACC 1
;
; RESULT 243
; US-09-829-855-131/c
; Sequence 131, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 131
; LENGTH: 16
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: unidentified soil organism
; US-09-829-855-131
;
; Query Match 4.4%; Score 11.2; DB 1; Length 16;
; Best Local Similarity 81.2%; Pred. No. 1.8e+02;
; Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 1396 AGCTGCTGCACAGACC 1411
; DB 16 AGCTGCGGACAGACC 1
;
; RESULT 244
; US-09-866-108A-8647/c
; Sequence 8647, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
```

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8647
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8647

Query Match      4.4%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1250 CCGGCTGCAGCAACG 1265
Db      17 CCAGCTGCAGCTGCAG 2

RESULT 245
; US-09-866-108A-8649/c
; Sequence 8649, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8649
```

```

; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8649

Query Match      4.4%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1249 TCCGCTGCAGCAACA 1264
Db      16 TCCAGCTGCAGCTGCA 1

RESULT 246
; US-09-404-912-566
; Sequence 566, Application US/09404912
; Patent No. 6703228
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charrel
; TITLE OF INVENTION: Methods and Products Related to
; FILE REFERENCE: M0656/7045(HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/404,912
; CURRENT FILING DATE: 1999-09-24
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 566
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
; US-09-404-912-566

Query Match      4.4%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1373 CCAGAGCAGCTGCGT 1388
Db      2 CAAGATCAGCTGCAT 17

RESULT 247
; US-08-953-269-2/c
; Sequence 2, Application US/08953269
; Patent No. 6472209
; GENERAL INFORMATION:
; APPLICANT: Richelson, Elliot
; APPLICANT: Tyler, Beth Marie
; APPLICANT: McCormick, Daniel J.
; APPLICANT: Cusack, Bernadette Marie
; APPLICANT: Hoshall, Clark V.
; APPLICANT: Douglas, Christopher Lee
; APPLICANT: Jansen, Karen
; TITLE OF INVENTION: USING POLYAMIDE NUCLEIC ACID OLIGOMERS
; FILE REFERENCE: 07039/073001
; CURRENT APPLICATION NUMBER: US/08/953,269
; CURRENT FILING DATE: 1997-10-17
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PasteSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Rat
; US-08-953-269-2
```

Query Match 4.4%; Score 11; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0;

QY 1268 GGAAGAGGCTG 1278  
Db 11 GGAAGAGGCTG 1

RESULT 248  
US-09-168-791-2/c  
; Sequence 2, Application US/09168791  
; Patent No. 6723560  
; GENERAL INFORMATION:  
; APPLICANT: Richelson, Elliott  
; APPLICANT: Tyler, Beth Marie  
; APPLICANT: Cusack, Bernadette Marie  
; APPLICANT: Jansen, Karen  
; APPLICANT: Douglas, Christopher Lee  
; TITLE OF INVENTION: USING POLYAMIDE NUCLEIC ACID OLIGOMERS  
; TITLE OF INVENTION: TO ENGINEER A BIOLOGICAL RESPONSE  
; FILE REFERENCE: 07039/126001  
; CURRENT APPLICATION NUMBER: US/09/168, 791  
; CURRENT FILING DATE: 1998-10-08  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: FASTSEQ for Windows Version 3.0  
; SEQ ID NO 2  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Rat  
US-09-168-791-2

Query Match 4.4%; Score 11; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0;

QY 1268 GGAAGAGGCTG 1278  
Db 11 GGAAGAGGCTG 1

RESULT 249  
US-09-016-685-2/c  
; Sequence 2, Application US/09016685  
; Patent No. 6743627  
; GENERAL INFORMATION:  
; APPLICANT: Richelson, Elliott  
; APPLICANT: Tyler, Beth Marie  
; APPLICANT: McCormick, Daniel J.  
; APPLICANT: Cusack, Bernadette Marie  
; APPLICANT: Hoshall, Clark V.  
; APPLICANT: Douglas, Christopher Lee  
; APPLICANT: Jansen, Karen  
; TITLE OF INVENTION: USING POLYAMIDE NUCLEIC ACID OLIGOMERS  
; TITLE OF INVENTION: TO ENGINEER A BIOLOGICAL RESPONSE  
; FILE REFERENCE: 07039/083001  
; CURRENT APPLICATION NUMBER: US/09/016, 685  
; CURRENT FILING DATE: 1998-01-30  
; EARLIER APPLICATION NUMBER: 08/953, 269  
; EARLIER FILING DATE: 1997-10-17  
; NUMBER OF SEQ ID NOS: 3  
; SOFTWARE: FASTSEQ for Windows Version 3.0  
; SEQ ID NO 2  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Rat  
US-09-016-685-2

Query Match 4.4%; Score 11; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0;

QY 1268 GGAAGAGGCTG 1278  
Db 11 GGAAGAGGCTG 1

RESULT 250  
US-08-686-116A-19/c  
; Sequence 19, Application US/08686116A  
; Patent No. 5714331  
; GENERAL INFORMATION:  
; APPLICANT: Buchardt et al.  
; TITLE OF INVENTION: Peptide Nucleic Acids Having Enhanced  
; TITLE OF INVENTION: Binding Affinity, Sequence Specificity  
; Patent No. 5714331  
; TITLE OF INVENTION: ans Solubility  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5714331iris LLP  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Wordperfect 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/686, 116A  
; FILING DATE: July 24, 1996  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/108, 591  
; FILING DATE: 22-NOV-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Michael P. Straner  
; REGISTRATION NUMBER: 38,325  
; REFERENCE/DOCKET NUMBER: ISIS-2271  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100  
; TELEFAX: 215-568-3439  
; INFORMATION FOR SEQ ID NO: 19:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 bases  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; FEATURE:  
; NAME/KEY: Modified-site  
; LOCATION: 1  
; OTHER INFORMATION: fluorescein conjugated  
; FEATURE:  
; NAME/KEY: Modified-site  
; LOCATION: 2  
; OTHER INFORMATION: thymine attached to aminoethyl-lysine  
; OTHER INFORMATION: backbone  
; FEATURE:  
; NAME/KEY: Modified-site  
; LOCATION: 8  
; OTHER INFORMATION: thymine attached to aminoethyl-lysine  
; OTHER INFORMATION: backbone  
; FEATURE:  
; NAME/KEY: Modified-site  
; LOCATION: 10  
; OTHER INFORMATION: thymine attached to aminoethyl-lysine  
; OTHER INFORMATION: backbone  
; FEATURE:  
; NAME/KEY: Modified-site  
; LOCATION: 12  
; OTHER INFORMATION: thymine attached to aminoethyl-lysine  
; OTHER INFORMATION: backbone  
US-08-686-116A-19

Query Match 4.4%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1,7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1284 AGAGACCTCA 1294  
DB 12 AGAGACCTCA 2

RESULT 251  
US-08-686-116A-20/c  
Sequence 20, Application US/08686116A  
Patent No. 5714331  
GENERAL INFORMATION:  
APPLICANT: Buchardt et al.  
TITLE OF INVENTION: Peptide Nucleic Acids Having Enhanced  
TITLE OF INVENTION: Binding Affinity, Sequence Specificity  
Patent No. 5714331  
TITLE OF INVENTION: and Solubility  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5714331ris LLP  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/686,116A  
FILING DATE: July 24, 1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/108,591  
FILING DATE: 22-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Michael P. Straher  
REGISTRATION NUMBER: 38,325  
REFERENCE/DOCKET NUMBER: ISIS-2271  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 1  
OTHER INFORMATION: conjugated with fluorescent dye  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 2  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
OTHER INFORMATION: backbone  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 8  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
OTHER INFORMATION: backbone  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 10  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
OTHER INFORMATION: backbone  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 10

NAME/KEY: Modified-site  
LOCATION: 12  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
OTHER INFORMATION: backbone  
US-08-686-116A-20

Query Match 4.4%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1,7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1284 AGAGACCTCA 1294  
DB 12 AGAGACCTCA 2

RESULT 252  
US-08-685-484-19/c  
Sequence 19, Application US/08685484  
Patent No. 5719262  
GENERAL INFORMATION:  
APPLICANT: Buchardt et al.  
TITLE OF INVENTION: Peptide Nucleic Acids Having Amino Acid  
TITLE OF INVENTION: Side Chains  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5719262ris LLP  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/685,484  
FILING DATE: 24-JUL-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/108,591  
FILING DATE: 22-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Michael P. Straher  
REGISTRATION NUMBER: 38,325  
REFERENCE/DOCKET NUMBER: ISIS-2270  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 1  
OTHER INFORMATION: fluorescein conjugated  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 2  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
OTHER INFORMATION: backbone  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 8  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
OTHER INFORMATION: backbone  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 10

OTHER INFORMATION: thymine attached to aminoethyl-lysine  
OTHER INFORMATION: backbone  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 12  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
OTHER INFORMATION: backbone  
US-08-685-484-19

Query Match 4.4%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1284 AGAGACCTCA 1294  
Db 12 AGAGACCTCA 2

RESULT 253  
US-08-685-484-20/c  
Sequence 20, Application US/08685484  
Patent No. 5719262  
GENERAL INFORMATION:  
APPLICANT: Buchardt et al.  
TITLE OF INVENTION: Peptide Nucleic Acids Having Amino Acid  
TITLE OF INVENTION: Side Chains  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Woodcock Washburn Kurtz Mackiewicz & No. 5719262ris LLP  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/685,484  
FILING DATE: 24-JUL-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/108,591  
FILING DATE: 22-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Michael P. Straher  
REGISTRATION NUMBER: 38,325  
REFERENCE/DOCKET NUMBER: ISIS-2270  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 1  
OTHER INFORMATION: conjugated with fluorescent dye  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 2  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
OTHER INFORMATION: backbone  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 8  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
OTHER INFORMATION: backbone

FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 10  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
OTHER INFORMATION: backbone  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 12  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
OTHER INFORMATION: backbone  
US-08-685-484-20

Query Match 4.4%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1284 AGAGACCTCA 1294  
Db 12 AGAGACCTCA 2

RESULT 254  
US-08-847-108-19/c  
Sequence 19, Application US/08847108  
Patent No. 5736336  
GENERAL INFORMATION:  
APPLICANT: Buchardt et al.  
TITLE OF INVENTION: Peptide Nucleic Acids Having Enhanced  
TITLE OF INVENTION: Binding Affinity, Sequence Specificity  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Woodcock Washburn Kurtz Mackiewicz & No. 5736336ris LLP  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/847,108  
FILING DATE: 01-MAY-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/686,116  
FILING DATE: July 24, 1996  
APPLICATION NUMBER: 08/108,591  
FILING DATE: 22-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Michael P. Straher  
REGISTRATION NUMBER: 38,325  
REFERENCE/DOCKET NUMBER: ISIS-2271  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 1  
OTHER INFORMATION: fluorescein conjugated  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 2



```

; OTHER INFORMATION: thymine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 8
; OTHER INFORMATION: thymine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 10
; OTHER INFORMATION: thymine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 12
; OTHER INFORMATION: thymine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
; US-08-847-108-19

Query Match          4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1284 AGAGACCCCTCA 1294
      |||||
Db      12 AGAGACCCCTCA 2

RESULT 255
US-08-847-108-20/c
; Sequence 20, Application US/08847108
; Patent No. 5736336
; GENERAL INFORMATION:
; APPLICANT: Buchardt et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having Enhanced
; TITLE OF INVENTION: Binding Affinity, Sequence Specificity
; Patent No. 5736336
; TITLE OF INVENTION: and Solubility
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5736336r1s LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/847,108
; FILING DATE: 01-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/686,116
; FILING DATE: July 24, 1996
; APPLICATION NUMBER: 08/108,591
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Michael P. Straher
; REGISTRATION NUMBER: 38,325
; REFERENCE/DOCKET NUMBER: ISIS-2271
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 11
; OTHER INFORMATION: conjugated with fluorescent dye
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 2
; OTHER INFORMATION: thymine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 8
; OTHER INFORMATION: thymine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 10
; OTHER INFORMATION: thymine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 12
; OTHER INFORMATION: thymine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
; US-08-847-108-20

Query Match          4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1284 AGAGACCCCTCA 1294
      |||||
Db      12 AGAGACCCCTCA 2

RESULT 256
US-08-686-113A-32/c
; Sequence 32, Application US/08686113A
; Patent No. 5766855
; GENERAL INFORMATION:
; APPLICANT: Buchardt et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having Enhanced
; TITLE OF INVENTION: Affinity And Sequence Specificity
; Patent No. 5766855
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5766855r1s
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/686,113A
; FILING DATE: July 24, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/108,591
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Michael P. Straher
; REGISTRATION NUMBER: 38,325
; REFERENCE/DOCKET NUMBER: ISIS-2273
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
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/      LENGTH: 15 bases
/      TYPE: nucleic acid
/      STRANDEDNESS: single
/      TOPOLOGY: linear
/      FEATURE:
/      NAME/KEY: Modified-site
/      LOCATION: 1
/      OTHER INFORMATION: fluorescein conjugated
/      FEATURE:
/      NAME/KEY: Modified-site
/      LOCATION: 2
/      OTHER INFORMATION: thymine attached to aminoethyl-lysine
/      OTHER INFORMATION: backbone
/      FEATURE:
/      NAME/KEY: Modified-site
/      LOCATION: 8
/      OTHER INFORMATION: thymine attached to aminoethyl-lysine
/      OTHER INFORMATION: backbone
/      FEATURE:
/      NAME/KEY: Modified-site
/      LOCATION: 10
/      OTHER INFORMATION: thymine attached to aminoethyl-lysine
/      OTHER INFORMATION: backbone
/      FEATURE:
/      NAME/KEY: Modified-site
/      LOCATION: 12
/      OTHER INFORMATION: thymine attached to aminoethyl-lysine
/      OTHER INFORMATION: backbone
/      US-08-686-113A-32
/
Query Match      4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1284 AGAGACCCCTCA 1294
Db      12 AGAGACCCCTCA 2

RESULT 257
US-08-686-113A-33/c
/ Sequence 33, Application US/08686113A
/ Patent No. 5766855
/ GENERAL INFORMATION:
/ APPLICANT: Buchardt et al.
/ TITLE OF INVENTION: Peptide Nucleic Acids Having Enhanced
/ TITLE OF INVENTION: Affinity And Sequence Specificity
/ Patent No. 5766855
/ NUMBER OF SEQUENCES: 60
/ CORRESPONDENCE ADDRESS:
/ ADDRESS: Woodcock Washburn Kurtz Mackiewicz and No. 5766855iris
/ STREET: One Liberty Place - 46th Floor
/ CITY: Philadelphia
/ STATE: PA
/ COUNTRY: U.S.A.
/ ZIP: 19103
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Wordperfect 6.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/686,113A
/ FILING DATE: July 24, 1996
/ CLASSIFICATION: 435
/ PRIOR APPLICATION NUMBER:
/ APPLICATION NUMBER: 08/108,591
/ FILING DATE: 22-NOV-1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Michael P. Straher
/ REGISTRATION NUMBER: 38,325
/ REFERENCE/DOCKET NUMBER: 181S-2273
/ TELECOMMUNICATION INFORMATION:
```

```

/      TELEPHONE: 215-568-3100
/      TELEFAX: 215-568-3439
/      INFORMATION FOR SEQ ID NO: 33:
/      SEQUENCE CHARACTERISTICS:
/      LENGTH: 15 bases
/      TYPE: nucleic acid
/      STRANDEDNESS: single
/      TOPOLOGY: linear
/      FEATURE:
/      NAME/KEY: Modified-site
/      LOCATION: 1
/      OTHER INFORMATION: conjugated with fluorescent dye
/      OTHER INFORMATION:
/      FEATURE:
/      NAME/KEY: Modified-site
/      LOCATION: 2
/      OTHER INFORMATION: thymine attached to aminoethyl-lysine
/      OTHER INFORMATION: backbone
/      FEATURE:
/      NAME/KEY: Modified-site
/      LOCATION: 8
/      OTHER INFORMATION: thymine attached to aminoethyl-lysine
/      OTHER INFORMATION: backbone
/      FEATURE:
/      NAME/KEY: Modified-site
/      LOCATION: 10
/      OTHER INFORMATION: thymine attached to aminoethyl-lysine
/      OTHER INFORMATION: backbone
/      FEATURE:
/      NAME/KEY: Modified-site
/      LOCATION: 12
/      OTHER INFORMATION: thymine attached to aminoethyl-lysine
/      OTHER INFORMATION: backbone
/      US-08-686-113A-33
/
Query Match      4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1284 AGAGACCCCTCA 1294
Db      12 AGAGACCCCTCA 2

RESULT 258
US-08-847-095A-19/c
/ Sequence 19, Application US/08847095A
/ Patent No. 5786461
/ GENERAL INFORMATION:
/ APPLICANT: Buchardt et al.
/ TITLE OF INVENTION: Peptide Nucleic Acids Having Amino Acid
/ TITLE OF INVENTION: Side Chains
/ NUMBER OF SEQUENCES: 53
/ CORRESPONDENCE ADDRESS:
/ ADDRESS: Woodcock Washburn Kurtz Mackiewicz & No. 5786461iris LLP
/ STREET: One Liberty Place - 46th Floor
/ CITY: Philadelphia
/ STATE: PA
/ COUNTRY: U.S.A.
/ ZIP: 19103
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Wordperfect 6.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/847,095A
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION NUMBER:
/ APPLICATION NUMBER: 08/685,484
/ FILING DATE: 24-JUL-1996
/ APPLICATION NUMBER: 08/108,591
/ FILING DATE: 22-NOV-1993
```

ATTORNEY/AGENT INFORMATION:  
NAME: Michael P. Straher  
REGISTRATION NUMBER: 38,325  
REFERENCE/DOCKET NUMBER: ISIS-2270  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 1  
OTHER INFORMATION: fluorescein conjugated  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 2  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
OTHER INFORMATION: backbone  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 8  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
OTHER INFORMATION: backbone  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 10  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
OTHER INFORMATION: backbone  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 12  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
OTHER INFORMATION: backbone  
US-08-847-095A-19

Query Match 4.4%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1284 AGAGACCTCA 1294  
DB 12 AGAGACCTCA 2

RESULT 259  
US-08-847-095A-20/C  
Sequence 20, Application US/08847095A  
Patent No. 5786461  
GENERAL INFORMATION:  
APPLICANT: Buchardt et al.  
TITLE OF INVENTION: Peptide Nucleic Acids Having Amino Acid  
TITLE OF INVENTION: Side Chains  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5786461xis LLP  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Wordperfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/847,095A  
FILING DATE:  
CLASSIFICATION:

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/685,484  
FILING DATE: 24-JUL-1996  
APPLICATION NUMBER: 08/108,591  
FILING DATE: 22-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Michael P. Straher  
REGISTRATION NUMBER: 38,325  
REFERENCE/DOCKET NUMBER: ISIS-2270  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 1  
OTHER INFORMATION: conjugated with fluorescent dye  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 2  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
OTHER INFORMATION: backbone  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 8  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
OTHER INFORMATION: backbone  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 10  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
OTHER INFORMATION: backbone  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 12  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
OTHER INFORMATION: backbone  
US-08-847-095A-20

Query Match 4.4%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1284 AGAGACCTCA 1294  
DB 12 AGAGACCTCA 2

RESULT 260  
US-08-311-486C-33/C  
Sequence 33, Application US/08311486C  
Patent No. 5811300  
GENERAL INFORMATION:  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth Draper  
APPLICANT: Kevin Kisch  
APPLICANT: Dan T. Stinchcomb  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: TME-1  
NUMBER OF SEQUENCES: 1157  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles

STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311,486C  
FILING DATE: September 23, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/166  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-311-486C-33

Query Match 4.4%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1271 AGAGGCTGAGG 1281  
|||||

Db 15 AGAGGCTGAGG 5

RESULT 261  
US-08-311-486C-34/C  
Sequence 34, Application US/08311486C  
Patent No. 5811300  
GENERAL INFORMATION:  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth Draper  
APPLICANT: Kevin Kisich  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwigen  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: TNF-  
NUMBER OF SEQUENCES: 1157  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311,486C  
FILING DATE: September 23, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/166  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-311-486C-34

Query Match 4.4%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1269 GAAGAGGCTGA 1279  
|||||

Db 11 GAAGAGGCTGA 1

RESULT 262  
US-08-311-486C-94/C  
Sequence 94, Application US/08311486C  
Patent No. 5811300  
GENERAL INFORMATION:  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth Draper  
APPLICANT: Kevin Kisich  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwigen  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: TNF-  
NUMBER OF SEQUENCES: 1157  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311,486C  
FILING DATE: September 23, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:

two

APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Wardburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/166  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 94:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRADEDNESS: single  
TOPOLOGY: linear  
US-08-311-486C-94

Query Match 4.4%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1263 CAGCTGGAAGA 1273  
Db 15 CAGCTGGAAGA 5

RESULT 263  
US-08-311-486C-95/c  
Sequence 95, Application US/08311486C  
Patent No. 5811300  
GENERAL INFORMATION:  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth Draper  
APPLICANT: Kevin Kisch  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwigen  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: TNF- $\alpha$   
NUMBER OF SEQUENCES: 1157  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311,486C  
FILING DATE: September 23, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Wardburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/166

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 95:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRADEDNESS: single  
TOPOLOGY: linear  
US-08-311-486C-95

Query Match 4.4%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1263 CAGCTGGAAGA 1273  
Db 14 CAGCTGGAAGA 4

RESULT 264  
US-08-311-486C-543/c  
Sequence 543, Application US/08311486C  
Patent No. 5811300  
GENERAL INFORMATION:  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth Draper  
APPLICANT: Kevin Kisch  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwigen  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: TNF- $\alpha$   
NUMBER OF SEQUENCES: 1157  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311,486C  
FILING DATE: September 23, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Wardburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/166  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 543:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-311-486C-543

Query Match 4.4%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1269 GAAGAGCTGA 1279  
Db 11 GAAGAGCTGA 1

## RESULT 265

US-08-311-486C-544/C  
; Sequence 544, Application US/08311486C  
; Patent No. 5811300  
; GENERAL INFORMATION:  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth Draper  
; APPLICANT: Kevin Kisich  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: TNF-  
; NUMBER OF SEQUENCES: 1157  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/311,486C  
; FILING DATE: September 23, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; PRIOR APPLICATION DATA: including application  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/166  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 544:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-311-486C-544

Query Match 4.4%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1269 GAAGAGCTGA 1279  
Db 11 GAAGAGCTGA 1

RESULT 266  
US-08-311-486C-621/C  
; Sequence 621, Application US/08311486C  
; Patent No. 5811300  
; GENERAL INFORMATION:  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth Draper  
; APPLICANT: Kevin Kisich  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: TNF-  
; NUMBER OF SEQUENCES: 1157  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/311,486C  
; FILING DATE: September 23, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; PRIOR APPLICATION DATA: including application  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/166  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 621:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-311-486C-621

Query Match 4.4%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1263 CAGCTGAGAGA 1273  
Db 15 CAGCTGAGAGA 5

RESULT 267  
US-08-311-486C-622/C  
; Sequence 622, Application US/08311486C

Patent No. 5811300  
GENERAL INFORMATION:  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth Draper  
APPLICANT: Kevin Kieich  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwigen  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: TNF-  
NUMBER OF SEQUENCES: 1157  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Filth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311,486C  
FILING DATE: September 23, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/166  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 622:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-311-486C-622  
Query Match 4.4%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Oy 1263 GAGCTGAGA 1273  
Db 14 GAGCTGAGA 4  
RESULT 268  
US-08-585-684B-1358/c  
Sequence 1358, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Filth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1358:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-1358  
Query Match 4.4%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Oy 1272 GAGGCTGAGG 1282  
Db 14 GAGGCTGAGG 4  
RESULT 269  
US-09-038-073-1358/c  
Sequence 1358, Application US/09038073  
Patent No. 6194150  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Filth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/038,073  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/585,684  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Waiburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1358:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-038-073-1358

Query Match 4.4%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1272 GAGGCTGAGG 1282  
DB 14 GAGGCTGAGG 4

RESULT 270  
US-09-081-646-306/c  
Sequence 306, Application US/09081646  
Patent No. 6333152  
GENERAL INFORMATION:  
APPLICANT: Kinzler, Kenneth  
APPLICANT: Vogelstein, Bert  
APPLICANT: Zhang, Lin  
APPLICANT: Zhou, Wei  
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and  
TITLE OF INVENTION: Cancer Cells  
FILE REFERENCE: 01107.74664  
CURRENT APPLICATION NUMBER: US/09/081,646  
CURRENT FILING DATE: 1998-05-20  
EARLIER APPLICATION NUMBER: 60/047,352  
EARLIER FILING DATE: 1997-05-21  
NUMBER OF SEQ ID NOS: 871  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 306  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-081-646-306

Query Match 4.4%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1206 AGGCGAGCCAT 1216  
DB 12 AGGCGAGCCAT 2

RESULT 271  
US-08-686-114B-32/c  
Sequence 32, Application US/08686114B  
Patent No. 6414112  
GENERAL INFORMATION:  
APPLICANT: Buchardt et al.  
TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleob  
NUMBER OF SEQUENCES: 60  
CORRESPONDENCE ADDRESS:  
ADDRESS: Woodcock Washburn Kurtz Mackiewicz & No. 64141218 LLP

STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Wordperfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/686,114B  
FILING DATE: July 24, 1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/108,591  
FILING DATE: 22-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Michael P. Straher  
REGISTRATION NUMBER: 38,325  
REFERENCE/DOCKET NUMBER: ISIS-2272  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 32:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 1  
OTHER INFORMATION: fluorescein conjugated  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 2  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 8  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 10  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
OTHER INFORMATION: backbone  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 12  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
OTHER INFORMATION: backbone  
US-08-686-114B-32

Query Match 4.4%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1284 AGAGACCTCA 1294  
DB 12 AGAGACCTCA 2

RESULT 272  
US-08-686-114B-33/c  
Sequence 33, Application US/08686114B  
Patent No. 6414112  
GENERAL INFORMATION:  
APPLICANT: Buchardt et al.  
TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleob  
NUMBER OF SEQUENCES: 60



CORRESPONDENCE ADDRESS:  
ADDRESSES: Woodcock Washburn Kurtz Mackiewicz & No. 64141121s LLP  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 MB  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/686,114B  
FILING DATE: July 24, 1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/108,591  
FILING DATE: 22-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Michael P. Straher  
REGISTRATION NUMBER: 38,325  
REFERENCE/DOCKET NUMBER: ISIS-2272  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 1  
OTHER INFORMATION: conjugated with fluorescent dye  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 2  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 8  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 10  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 12  
OTHER INFORMATION: thymine attached to aminoethyl-lysine  
US-08-686-114B-33

Query Match 4.4%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1284 AGAGACCTCA 1294  
DB 12 AGAGACCTCA 2

RESULT 273  
US-09-402-048-3  
Sequence 3, Application US/09402048  
Patent No. 6600028  
GENERAL INFORMATION:  
APPLICANT: BROWN ET AL

TITLE OF INVENTION: TRICYCLIC BASE ANALOGS  
FILE REFERENCE: 28911/35902  
CURRENT APPLICATION NUMBER: US/09/402,048  
CURRENT FILING DATE: 2000-02-01  
PRIOR APPLICATION NUMBER: PCT/GB98/00978  
PRIOR FILING DATE: 1998-04-02  
PRIOR APPLICATION NUMBER: EP 97302265.0  
PRIOR FILING DATE: 1997-04-02  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 3  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primer  
US-09-402-048-3

Query Match 4.4%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1232 GCATGTGCTGG 1242  
DB 2 GCATGTGCTGG 12

RESULT 274  
US-09-402-048-6  
Sequence 6, Application US/09402048  
Patent No. 6600028  
GENERAL INFORMATION:  
APPLICANT: BROWN ET AL  
TITLE OF INVENTION: TRICYCLIC BASE ANALOGS  
FILE REFERENCE: 28911/35902  
CURRENT APPLICATION NUMBER: US/09/402,048  
CURRENT FILING DATE: 2000-02-01  
PRIOR APPLICATION NUMBER: PCT/GB98/00978  
PRIOR FILING DATE: 1998-04-02  
PRIOR APPLICATION NUMBER: EP 97302265.0  
PRIOR FILING DATE: 1997-04-02  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 6  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primer  
US-09-402-048-6

Query Match 4.4%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1232 GCATGTGCTGG 1242  
DB 2 GCATGTGCTGG 12

RESULT 275  
US-09-337-304-32/C  
Sequence 32, Application US/09337304  
Patent No. 6613873  
GENERAL INFORMATION:  
APPLICANT: Buchardt, Ole  
APPLICANT: Egholm, Michael  
APPLICANT: Nielsen, Peter E.  
APPLICANT: Berg, Rolf Henrik  
TITLE OF INVENTION: Peptide Nucleic Acids Having 2, 6-Diaminopurine Nucleobases  
FILE REFERENCE: ISIS-3809  
CURRENT APPLICATION NUMBER: US/09/337,304  
CURRENT FILING DATE: 1999-06-21

```

; PRIOR APPLICATION NUMBER: 08/847,110
; PRIOR FILING DATE: 1997-05-01
; PRIOR APPLICATION NUMBER: 08/686,114
; PRIOR FILING DATE: 1996-07-24
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 986/91
; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 987/91
; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 510/92
; PRIOR FILING DATE: 1992-04-15
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 32
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: fluorescein conjugated
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (2)..(2)
; OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (12)..(12)
; OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone
US-09-337-304-32
```

```

Query Match          4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1284 AGAGACCTCA 1284
Db       12 AGAGACCTCA 2
```

```

RESULT 276
; Sequence 33, Application US/09337304
; Patent No. 6613873
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter E.
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids Having 2, 6-Diaminopurine Nucleobases
; FILE REFERENCE: ISIS-3809
; CURRENT APPLICATION NUMBER: US/09/337,304
; CURRENT FILING DATE: 1999-06-21
; PRIOR APPLICATION NUMBER: 08/847,110
; PRIOR FILING DATE: 1997-05-01
; PRIOR APPLICATION NUMBER: 08/686,114
; PRIOR FILING DATE: 1996-07-24
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 986/91
; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 987/91
```

```

; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 510/92
; PRIOR FILING DATE: 1992-04-15
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: conjugated with fluorescent dye
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (2)..(2)
; OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (12)..(12)
; OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone
US-09-337-304-33
```

```

Query Match          4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1284 AGAGACCTCA 1294
Db       12 AGAGACCTCA 2
```

```

RESULT 277
US-09-898-210-1
; Sequence 1, Application US/09898210
; Patent No. 6664058
; GENERAL INFORMATION:
; APPLICANT: Kumar, Shiv
; APPLICANT: Nampalli, Satyam
; APPLICANT: Neagu, Constantin
; APPLICANT: McDougall, Mark
; APPLICANT: Loakes, David
; APPLICANT: Brown, Dan
; TITLE OF INVENTION: Base Analogues
; FILE REFERENCE: PA0036
; CURRENT APPLICATION NUMBER: US/09/898,210
; CURRENT FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: GB0016258.6
; PRIOR FILING DATE: 2000-07-03
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
US-09-898-210-1
```

```

Query Match          4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Oy 1232 GCATGTGCTGG 1242  
|||  
Db 2 GCATGTGCTGG 12

## RESULT 278

US-09-230-088-19/c  
; Sequence 19, Application US/09230088

; Patent No. 6710164

; GENERAL INFORMATION:

; APPLICANT: Nielsen, Peter

; APPLICANT: Egholm, Michael

; APPLICANT: Berg, Rolf

; APPLICANT: Buchardt, Ole

; APPLICANT: Buchardt, Dorte

; TITLE OF INVENTION: Peptide Nucleic Acids Having Enhanced Binding Affinity, Sequence

; FILE REFERENCE: ISIS2535

; CURRENT APPLICATION NUMBER: US/09/230,088

; PRIOR FILING DATE: 1999-03-10

; PRIOR FILING DATE: 1997-07-24

; PRIOR APPLICATION NUMBER: 08/685,484

; PRIOR FILING DATE: 1996-07-24

; PRIOR APPLICATION NUMBER: 08/686,116

; PRIOR FILING DATE: 1996-07-24

; PRIOR APPLICATION NUMBER: 08/686,114

; PRIOR FILING DATE: 1996-07-24

; PRIOR APPLICATION NUMBER: 08/686,113

; PRIOR FILING DATE: 1996-07-24

; PRIOR APPLICATION NUMBER: 60/051,002

; PRIOR FILING DATE: 1997-05-29

; PRIOR APPLICATION NUMBER: 08/108,591

; PRIOR FILING DATE: 1993-11-22

; NUMBER OF SEQ ID NOS: 53

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 19

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: misc feature

; OTHER INFORMATION: No. 6710164el Sequence

; NAME/KEY: modified\_base

; LOCATION: (1)..(1)

; OTHER INFORMATION: fluorescein conjugated

; NAME/KEY: modified\_base

; LOCATION: (2)..(2)

; OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone

; NAME/KEY: modified\_base

; LOCATION: (8)..(8)

; OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone

; NAME/KEY: modified\_base

; LOCATION: (10)..(10)

; OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone

; NAME/KEY: modified\_base

; LOCATION: (12)..(12)

; OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone

; US-09-230-088-19

Query Match 4.4%; Score 11; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 1.7e+02;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1284 AGAGACCTCA 1294  
|||  
Db 12 AGAGACCTCA 2

12 AGAGACCTCA 2

## RESULT 279

US-09-230-088-20/c

; Sequence 20, Application US/09230088

; Patent No. 6710164

; GENERAL INFORMATION:

; APPLICANT: Nielsen, Peter

; APPLICANT: Egholm, Michael

; APPLICANT: Berg, Rolf

; APPLICANT: Buchardt, Ole

; APPLICANT: Buchardt, Dorte

; TITLE OF INVENTION: Peptide Nucleic Acids Having Enhanced Binding Affinity, Sequence

; FILE REFERENCE: ISIS2535

; CURRENT APPLICATION NUMBER: US/09/230,088

; PRIOR FILING DATE: 1999-03-10

; PRIOR APPLICATION NUMBER: PCT/US97/12811

; PRIOR FILING DATE: 1997-07-24

; PRIOR APPLICATION NUMBER: 08/685,484

; PRIOR FILING DATE: 1996-07-24

; PRIOR APPLICATION NUMBER: 08/686,116

; PRIOR FILING DATE: 1996-07-24

; PRIOR APPLICATION NUMBER: 08/686,114

; PRIOR FILING DATE: 1996-07-24

; PRIOR APPLICATION NUMBER: 08/686,113

; PRIOR FILING DATE: 1996-07-24

; PRIOR APPLICATION NUMBER: 60/051,002

; PRIOR FILING DATE: 1997-05-29

; PRIOR APPLICATION NUMBER: 08/108,591

; PRIOR FILING DATE: 1993-11-22

; NUMBER OF SEQ ID NOS: 53

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 20

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: misc feature

; OTHER INFORMATION: No. 6710164el Sequence

; NAME/KEY: modified\_base

; LOCATION: (1)..(1)

; OTHER INFORMATION: conjugated with fluorescent dye

; NAME/KEY: modified\_base

; LOCATION: (2)..(2)

; OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone

; NAME/KEY: modified\_base

; LOCATION: (8)..(8)

; OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone

; NAME/KEY: modified\_base

; LOCATION: (10)..(10)

; OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone

; NAME/KEY: modified\_base

; LOCATION: (12)..(12)

; OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone

; US-09-230-088-20

Query Match 4.4%; Score 11; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 1.7e+02;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1284 AGAGACCTCA 1294  
|||  
Db 12 AGAGACCTCA 2

12 AGAGACCTCA 2

## RESULT 280

US-09-152-059-10

; Sequence 10, Application US/09152059

; Patent No. 6794499

; GENERAL INFORMATION:

; APPLICANT: WENDEL, JESPER

; APPLICANT: NIELSEN, POU

; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

; FILE REFERENCE: 49165 (71994)

; CURRENT APPLICATION NUMBER: US/09/152,059

; CURRENT FILING DATE: 1998-09-11

; PRIOR APPLICATION NUMBER: 60/058,541

```
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-152-059-10
```

```
Query Match          4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Cy      1232 GCATGTCCTGG 1242
          |||||
Db       2   GCATGTCCTGG 12
```

```
RESULT 281
US-09-152-059-11
; Sequence 11, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: nucleic acid sequence
US-09-152-059-11
```

```
Query Match          4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Cy      1232 GCATGTCCTGG 1242
          |||||
Db       1   GCATGTCCTGG 11
```

```
RESULT 282
US-09-152-059-12
; Sequence 12, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (1)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (10)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-12
```

```
Query Match          4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Cy      1232 GCATGTCCTGG 1242
          |||||
Db       2   GCATGTCCTGG 12
```

```
RESULT 283
US-09-152-059-13
; Sequence 13, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; PRIOR FILING DATE: 1998-09-11
```

```

; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (15)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-13
```

```
Query Match          4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1232 GCATGCTCTGG 1242
Db      1 GCATGCTCTGG 11
```

RESULT 284

```

; Sequence 14, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-152-059-14
```

Query Match 4.4%; Score 11; DB 1; Length 15;

```
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1232 GCATGCTCTGG 1242
Db      2 GCATGCTCTGG 12
```

RESULT 285

```

; Sequence 15, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-152-059-15
```

```
Query Match          4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1232 GCATGCTCTGG 1242
Db      2 GCATGCTCTGG 12
```

RESULT 286

```

; Sequence 20, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
```

;; PRIOR APPLICATION NUMBER: 60/088,309  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/094,355  
;; PRIOR FILING DATE: 1998-07-28  
;; NUMBER OF SEQ ID NOS: 146  
;; SOFTWARE: PatentIn Ver. 2.1  
;; SEQ ID NO 20  
;; LENGTH: 15  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE: Description of Artificial Sequence: Synthetic  
;; OTHER INFORMATION: oligonucleotide  
US-09-152-059-20

Query Match 4.4%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1232 GCATGTCTGG 1242  
|||  
Db 1 GCATGTCTGG 11

RESULT 287  
US-09-152-059-21  
;; Sequence 21, Application US/09152059  
;; Patent No. 6794499  
;; GENERAL INFORMATION:  
;; APPLICANT: WENDEL, JESPER  
;; APPLICANT: NIELSEN, POUL  
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
;; FILE REFERENCE: 49165 (71994)  
;; CURRENT APPLICATION NUMBER: US/09/152,059  
;; CURRENT FILING DATE: 1998-09-11  
;; PRIOR APPLICATION NUMBER: 60/058,541  
;; PRIOR FILING DATE: 1997-09-12  
;; PRIOR APPLICATION NUMBER: 60/068,293  
;; PRIOR FILING DATE: 1997-12-19  
;; PRIOR APPLICATION NUMBER: 60/071,682  
;; PRIOR FILING DATE: 1998-01-16  
;; PRIOR APPLICATION NUMBER: 60/076,591  
;; PRIOR FILING DATE: 1998-03-03  
;; PRIOR APPLICATION NUMBER: 60/083,507  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/088,309  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/094,355  
;; PRIOR FILING DATE: 1998-07-28  
;; SOFTWARE: PatentIn Ver. 2.1  
;; SEQ ID NO 21  
;; LENGTH: 15  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE: Description of Artificial Sequence: Synthetic  
;; NAME/KEY: modified\_base  
;; LOCATION: (15)  
;; OTHER INFORMATION: LNA monomer  
;; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
;; OTHER INFORMATION: oligonucleotide  
US-09-152-059-21

Query Match 4.4%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1232 GCATGTCTGG 1242  
|||  
Db 1 GCATGTCTGG 11

RESULT 288

US-09-152-059-53  
;; Sequence 53, Application US/09152059  
;; Patent No. 6794499  
;; GENERAL INFORMATION:  
;; APPLICANT: WENDEL, JESPER  
;; APPLICANT: NIELSEN, POUL  
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
;; FILE REFERENCE: 49165 (71994)  
;; CURRENT APPLICATION NUMBER: US/09/152,059  
;; CURRENT FILING DATE: 1998-09-11  
;; PRIOR APPLICATION NUMBER: 60/058,541  
;; PRIOR FILING DATE: 1997-09-12  
;; PRIOR APPLICATION NUMBER: 60/068,293  
;; PRIOR FILING DATE: 1997-12-19  
;; PRIOR APPLICATION NUMBER: 60/071,682  
;; PRIOR FILING DATE: 1998-01-16  
;; PRIOR APPLICATION NUMBER: 60/076,591  
;; PRIOR FILING DATE: 1998-03-03  
;; PRIOR APPLICATION NUMBER: 60/083,507  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/088,309  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/094,355  
;; PRIOR FILING DATE: 1998-07-28  
;; NUMBER OF SEQ ID NOS: 146  
;; SOFTWARE: PatentIn Ver. 2.1  
;; SEQ ID NO 53  
;; LENGTH: 15  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE: Description of Artificial Sequence: Primer  
;; OTHER INFORMATION: oligonucleotide  
US-09-152-059-53

Query Match 4.4%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1232 GCATGTCTGG 1242  
|||  
Db 2 GCATGTCTGG 12

RESULT 289  
US-08-623-471-10  
;; Sequence 10, Application US/08623471  
;; Patent No. 5846823  
;; GENERAL INFORMATION:  
;; APPLICANT: Allelix Biopharmaceuticals Inc  
;; APPLICANT: Owolabi, Joshua  
;; APPLICANT: Rampeasad, Vikarna  
;; APPLICANT: Kamboj, Rajender  
;; TITLE OF INVENTION: STABLE D4 CELL LINES  
;; NUMBER OF SEQUENCES: 12  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Allelix Biopharmaceuticals Inc  
;; STREET: 6850 Goreway Drive  
;; CITY: Mississauga  
;; COUNTRY: Canada  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/623,471  
;; FILING DATE:  
;; CLASSIFICATION: 435  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: PCT/CA94/00538  
;; FILING DATE: 27-SEP-1994  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: RIDDOUT & MAYBEE, Attn. Robert G. Hiron

```
REFERENCE/DOCKET NUMBER: ALLEL/51B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416)-868-1482
TELEFAX: (416)-362-0823
TELEX:
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-623-471-10

Query Match      4.3% Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1415 TGCTGAGCGGCGCA 1428
Db      1 TGCTGAGCGGCGCA 14

RESULT 290
US-08-232-087A-6/c
Sequence 6, Application US/08232087A
Patent No. 5866372
GENERAL INFORMATION:
APPLICANT: Stein, Harald
APPLICANT: D r'kop, Horst
APPLICANT: Latza, Ute
TITLE OF INVENTION: Lymphoid CD30-Antigen
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP
STREET: 8110 Gatehouse Road, Suite 500 East
CITY: Falls Church
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22042
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232.087A
FILING DATE: 08-SEP-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Murphy Jr., Gerald M.
REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 756-103P
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 205-8000
TELEFAX: (703) 205-8050
TELEX: 248345
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-232-087A-6

Query Match      4.3% Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      1369 CTTACGAGAGCAG 1382
Db      14 CTTCCAGAGCAG 1

RESULT 291
US-08-613-417A-29
Sequence 29, Application US/08613417A
Patent No. 5874553
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: Phosphonomonoester nucleic acids, and their use
NUMBER OF SEQUENCES: 33
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/613.417A
FILING DATE:
CLASSIFICATION: 514
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: yes
FEATURE:
NAME/KEY: exon
LOCATION: 1..14
US-08-613-417A-29

Query Match      4.3% Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1268 GGAAGAGCTGAGC 1281
Db      1 GGAAGATGCTGAGC 14

RESULT 292
US-08-594-452-29
Sequence 29, Application US/08594452
Patent No. 6013639
GENERAL INFORMATION:
APPLICANT: PEYMAN, Anuschirwan
APPLICANT: UHLMANN, Eugen
TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 105
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/594.452
FILING DATE: 31-JAN-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 195 02 912.7
FILING DATE: 31-JAN-1995
```

ATTORNEY/AGENT INFORMATION:  
NAME: SANDERCOCK, COLIN G.  
REGISTRATION NUMBER: 31,298  
REFERENCE/DOCKET NUMBER: 18748/264/HOCE  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 672-5300  
TELEFAX: (202) 672-5399  
TELEX: 904136  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-594-452-29

Query Match 4.3%; Score 10.8; DB 1; Length 14;  
Best Local Similarity 85.7%; Pred. No. 1.6e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1268 GGAAGAGCTGAGG 1281  
Db 1 GGAAGAGCTGAGG 14

RESULT 293  
US-08-913-833-17  
Sequence 17, Application US/08913833  
Patent No. 6087093  
GENERAL INFORMATION:  
APPLICANT: STUYVER, LIEVEN  
APPLICANT: LOUWAGIE, JOOST  
APPLICANT: ROSSAU, RUDI  
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED  
NUMBER OF SEQUENCES: 164  
CORRESPONDENCE ADDRESS:  
ADDRESS: ARNOLD, WHITE & DURKEE  
STREET: P.O. BOX 4433  
CITY: HOUSTON  
STATE: TEXAS  
COUNTRY: USA  
ZIP: 77210-4433  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 6.0 / ASCII text output  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/913,833  
FILING DATE: 15 Sep 1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/EP97/00211  
FILING DATE: 17 Jan 1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 96870005.4  
FILING DATE: 26 Jan 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 96870081.5  
FILING DATE: 25 Jun 1996  
ATTORNEY/AGENT INFORMATION:  
NAME: KAMMERER, PATRICIA A.  
REGISTRATION NUMBER: 29,775  
REFERENCE/DOCKET NUMBER: INNS:008  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO

US-08-913-833-17

Query Match 4.3%; Score 10.8; DB 1; Length 14;  
Best Local Similarity 85.7%; Pred. No. 1.6e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1262 ACAGCTGGAAGAGG 1275  
Db 1 AGAAGCTGGAAGAGG 14

RESULT 294  
US-08-913-833-26  
Sequence 26, Application US/08913833  
Patent No. 6087093  
GENERAL INFORMATION:  
APPLICANT: STUYVER, LIEVEN  
APPLICANT: LOUWAGIE, JOOST  
APPLICANT: ROSSAU, RUDI  
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED  
NUMBER OF SEQUENCES: 164  
CORRESPONDENCE ADDRESS:  
ADDRESS: ARNOLD, WHITE & DURKEE  
STREET: P.O. BOX 4433  
CITY: HOUSTON  
STATE: TEXAS  
COUNTRY: USA  
ZIP: 77210-4433  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 6.0 / ASCII text output  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/913,833  
FILING DATE: 15 Sep 1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/EP97/00211  
FILING DATE: 17 Jan 1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 96870005.4  
FILING DATE: 26 Jan 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 96870081.5  
FILING DATE: 25 Jun 1996  
ATTORNEY/AGENT INFORMATION:  
NAME: KAMMERER, PATRICIA A.  
REGISTRATION NUMBER: 29,775  
REFERENCE/DOCKET NUMBER: INNS:008  
INFORMATION FOR SEQ ID NO: 26:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-913-833-26

Query Match 4.3%; Score 10.8; DB 1; Length 14;  
Best Local Similarity 85.7%; Pred. No. 1.6e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1262 ACAGCTGGAAGAGG 1275  
Db 1 AGAAGCTGGAAGAGG 14

RESULT 295  
US-09-258-408-29  
Sequence 29, Application US/09258408



Patent No. 6121434  
GENERAL INFORMATION:  
APPLICANT: PEYMAN, Anuschirwan  
TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 105  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 3000 K Street, N.W., Suite 500  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/258,408  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/594,452  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: SANDERCOCK, Colin G.  
REGISTRATION NUMBER: 31,298  
REFERENCE/DOCKET NUMBER: 18748/264/HOCE  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202)672-5300  
TELEFAX: (202)672-5399  
TELEX: 904136  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-258-408-29

Query Match 4.3%; Score 10.8; DB 1; Length 14;  
Best Local Similarity 85.7%; Pred. No. 1.6e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1268 GGAGAGGCTGAGG 1281  
Db 1 GGAGGATGCTGAGG 14

RESULT 296  
US-09-196-132-29  
Sequence 29, Application US/09196132  
Patent No. 6127346  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OF INVENTION: Phosphonomoester nucleic acids,  
TITLE OF INVENTION: Process for their preparation, and their use  
NUMBER OF SEQUENCES: 33  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/196,132  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/613,417  
FILING DATE:  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:

LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ANTI-SENSE: yes  
FEATURE:  
NAME/KEY: exon  
LOCATION: 1..14  
US-09-196-132-29

Query Match 4.3%; Score 10.8; DB 1; Length 14;  
Best Local Similarity 85.7%; Pred. No. 1.6e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1268 GGAGAGGCTGAGG 1281  
Db 1 GGAGGATGCTGAGG 14

RESULT 297  
US-08-765-340-120/c  
Sequence 120, Application US/08765340  
Patent No. 6150092  
GENERAL INFORMATION:  
APPLICANT: UCHIDA, K.  
APPLICANT: UCHIDA, T.  
APPLICANT: TANAKA, Y.  
APPLICANT: MATSUDA, Y.,  
APPLICANT: KONDO, S.  
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID  
TITLE OF INVENTION: COMPOUND  
NUMBER OF SEQUENCES: 185  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.  
STREET: 345 PARK AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10154  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version  
SOFTWARE: #1.30 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/765,340  
FILING DATE: 23-DEC-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 145146/94  
FILING DATE: 27-JUN-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 311130/94  
FILING DATE: 21-NOV-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: SERUNIAN, LESLIE  
REGISTRATION NUMBER: 35,353  
REFERENCE/DOCKET NUMBER: 1452-4005  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 758-4800  
TELEFAX: (212) 751-6649  
INFORMATION FOR SEQ ID NO: 120:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "synthetic DNA"  
US-08-765-340-120

Query Match 4.3%; Score 10.8; DB 1; Length 14;

Best Local Similarity 85.7%; Pred. No. 1.6e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1273 AGGCTGAGGCGAGA 1286  
Db 14 AGGAGAGGCGAGA 1

## RESULT 298

US-09-580-794C-17  
; Sequence 17, Application US/09580794C  
; Patent No. 6311389  
; GENERAL INFORMATION:  
; APPLICANT: Stuyver, Lieven  
; APPLICANT: Louwaghe, Joost  
; APPLICANT: Rossau, Rudi  
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE  
; FILE REFERENCE: INNS008--2  
; CURRENT APPLICATION NUMBER: US/09/580,794C  
; PRIOR FILING DATE: 2000-05-30  
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093  
; PRIOR FILING DATE: 1997-09-15  
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211  
; PRIOR FILING DATE: 1997-01-17  
; PRIOR APPLICATION NUMBER: EP 96870005.4  
; PRIOR FILING DATE: 1996-01-26  
; PRIOR APPLICATION NUMBER: EP 96870081.5  
; PRIOR FILING DATE: 1996-06-25  
; NUMBER OF SEQ ID NOS: 164  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 17  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Primer  
US-09-580-794C-17

Query Match 4.3%; Score 10.8; DB 1; Length 14;  
Best Local Similarity 85.7%; Pred. No. 1.6e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1262 ACAGCTGGAGAGG 1275  
Db 1 AGAGCTGGAAAAG 14

## RESULT 299

US-09-580-794C-26  
; Sequence 26, Application US/09580794C  
; Patent No. 6311389  
; GENERAL INFORMATION:  
; APPLICANT: Stuyver, Lieven  
; APPLICANT: Louwaghe, Joost  
; APPLICANT: Rossau, Rudi  
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE  
; FILE REFERENCE: INNS008--2  
; CURRENT APPLICATION NUMBER: US/09/580,794C  
; PRIOR FILING DATE: 2000-05-30  
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093  
; PRIOR FILING DATE: 1997-09-15  
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211  
; PRIOR FILING DATE: 1997-01-17  
; PRIOR APPLICATION NUMBER: EP 96870005.4  
; PRIOR FILING DATE: 1996-01-26  
; PRIOR APPLICATION NUMBER: EP 96870081.5  
; PRIOR FILING DATE: 1996-06-25  
; NUMBER OF SEQ ID NOS: 164  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 26  
; LENGTH: 14

; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Primer  
US-09-580-794C-26

Query Match 4.3%; Score 10.8; DB 1; Length 14;  
Best Local Similarity 85.7%; Pred. No. 1.6e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1262 ACAGCTGGAGAGG 1275  
Db 1 AGAAGCTGGAAGAG 14

## RESULT 300

US-08-666-341A-34/C  
; Sequence 34, Application US/08666341A  
; Patent No. 6365345  
; GENERAL INFORMATION:  
; APPLICANT:  
; TITLE OF INVENTION: Antisense nucleic Acids for the  
; TITLE OF INVENTION: prevention and treatment of disorders in which expression  
; NUMBER OF SEQUENCES: 106  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Jacobson, Price, Holman and Stern, PLLC  
; STREET: 400 seventh street, N.W.  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disc  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/666,341A  
; FILING DATE: 15-AUG-1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: EP 93120710.4  
; INFORMATION FOR SEQ ID NO: 34:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: unknown  
; TOPOLOGY: unknown  
; MOLECULE TYPE: DNA (genomic)  
; ANTI-SENSE: YES  
US-08-666-341A-34

Query Match 4.3%; Score 10.8; DB 1; Length 14;  
Best Local Similarity 85.7%; Pred. No. 1.6e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1294 AGGTGCGATGTC 1307  
Db 14 AGTGTGCTATGTC 1

## RESULT 301

US-09-943-983C-17  
; Sequence 17, Application US/09943983C  
; Patent No. 6713251  
; GENERAL INFORMATION:  
; APPLICANT: Stuyver, Lieven  
; APPLICANT: Louwaghe, Joost  
; APPLICANT: Rossau, Rudi  
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE  
; FILE REFERENCE: 11362.0008.DUUS02 (INNS008--3)

CURRENT APPLICATION NUMBER: US/09/943.983C  
CURRENT FILING DATE: 2001-08-31  
PRIOR APPLICATION NUMBER: US 09/580.794  
PRIOR FILING DATE: 2000-05-30  
PRIOR APPLICATION NUMBER: 08/913.833 now US/6.087.093  
PRIOR FILING DATE: 1997-09-15  
PRIOR APPLICATION NUMBER: PCT/EP 97/00211  
PRIOR FILING DATE: 1997-01-17  
PRIOR APPLICATION NUMBER: EP 96870005.4  
PRIOR FILING DATE: 1996-01-26  
PRIOR APPLICATION NUMBER: EP 96870081.5  
PRIOR FILING DATE: 1996-06-25  
NUMBER OF SEQ ID NOS: 164  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO: 17  
LENGTH: 14  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Primer  
US-09-943-983C-17

Query Match 4.3%; Score 10.8; DB 1; Length 14;  
Best Local Similarity 85.7%; Pred. No. 1.6e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1262 ACAGCTGGAAGG 1275  
| | | | | | | | | | | | | | | | | |  
Db 1 AGAGCTGGAAGG 14

RESULT 302  
US-09-943-983C-26  
Sequence 26, Application US/09943983C  
GENERAL INFORMATION:  
APPLICANT: Stuyver, Lieven  
APPLICANT: Louwaghe, Joost  
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE  
FILE REFERENCE: 11362.0008.DUS02 (INNS008--3)  
CURRENT APPLICATION NUMBER: US/09/943.983C  
CURRENT FILING DATE: 2001-08-31  
PRIOR APPLICATION NUMBER: US 09/580.794  
PRIOR FILING DATE: 2000-05-30  
PRIOR APPLICATION NUMBER: 08/913.833 now US/6.087.093  
PRIOR FILING DATE: 1997-09-15  
PRIOR APPLICATION NUMBER: PCT/EP 97/00211  
PRIOR FILING DATE: 1997-01-17  
PRIOR APPLICATION NUMBER: EP 96870005.4  
PRIOR FILING DATE: 1996-01-26  
PRIOR APPLICATION NUMBER: EP 96870081.5  
PRIOR FILING DATE: 1996-06-25  
NUMBER OF SEQ ID NOS: 164  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO: 26  
LENGTH: 14  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Primer  
US-09-943-983C-26

Query Match 4.3%; Score 10.8; DB 1; Length 14;  
Best Local Similarity 85.7%; Pred. No. 1.6e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1262 ACAGCTGGAAGG 1275  
| | | | | | | | | | | | | | | | | |  
Db 1 AGAGCTGGAAGG 14

RESULT 303  
US-08-133-248-3/c  
Sequence 3, Application US/08133248  
Patent No. 5525714  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OF INVENTION: MUTATED FORM OF THE BETA-AMYLOID PRECURSOR  
TITLE OF INVENTION: PROTEIN GENE  
NUMBER OF SEQUENCES: 8  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25 (ERO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/133.248  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-133-248-3

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1330 TCTTCTCCAGGA 1343  
| | | | | | | | | | | | | | | | | |  
Db 14 TCTTCTCCAGGA 1

RESULT 304  
US-08-311-760A-227  
Sequence 227, Application US/08311760A  
Patent No. 5599706  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: McSwigen, James  
APPLICANT: Newton, Roger S.  
APPLICANT: Ramharack, Randy  
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF  
TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY  
TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN  
NUMBER OF SEQUENCES: 392  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311.760A  
FILING DATE: September 23, 1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/155  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 227:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-311-760A-227

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 50.0%; Pred. No. 1.8e+02;  
Matches 7; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 1301 GAGGTCATCTGTG 1314  
|:|:|:|:|:|:  
Db 2 CUGGUCUUGCUGUC 15

RESULT 305  
US-08-182-968A-363/c  
Sequence 363, Application US/08182968A  
Patent No. 5610054  
GENERAL INFORMATION:  
APPLICANT: Draper, Kenneth G.  
TITLE OF INVENTION: METHOD AND REAGENT FOR  
TITLE OF INVENTION: INHIBITING HEPATITIS C  
TITLE OF INVENTION: VIRUS REPLICATION  
NUMBER OF SEQUENCES: 497  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/182,968A  
FILING DATE: 13-JANUARY-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/882,888  
FILING DATE: 14-MAY-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 205/277  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 363:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-182-968A-363

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1278 GAGGCGAGAGACCC 1291  
|||||  
Db 15 GAGGCGGAGAGACCC 2

RESULT 306  
US-08-291-932A-79  
Sequence 79, Application US/08291932A  
Patent No. 5658780  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: NF-KB  
NUMBER OF SEQUENCES: 830  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/291,932A  
FILING DATE: August 15, 1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/157  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 79:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-291-932A-79

Two

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 57.1%; Pred. No. 1.8e+02;  
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1385 GCGTTTGCTGACG 1398  
|||:|:|:|:|:  
Db 2 GCGUAGUCUGUC 15

RESULT 307  
US-08-363-240A-73/c  
Sequence 73, Application US/08363240A  
Patent No. 5705388  
GENERAL INFORMATION:

APPLICANT: Couture, Larry  
APPLICANT: McSwigen, James  
APPLICANT: Bisgaier, Charles  
APPLICANT: Page, Michael  
TITLE OF INVENTION: METHOD AND REAGENT FOR  
PREVENTION, INHIBITION OF  
TITLE OF INVENTION: PROGRESSION AND REGRESSION  
TITLE OF INVENTION: OF VASCULAR DISEASES  
NUMBER OF SEQUENCES: 1243  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/363,240A  
FILING DATE: December 23, 1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 210/096  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 73:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-363-240A-73

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1308 ATCTGTGAGCAGCT 1321  
DB 15 ATTGTGTAACAGCT 2

RESULT 308  
US-08-363-240A-74/C  
Sequence 74, Application US/08363240A  
Patent No. 5705388  
GENERAL INFORMATION:  
APPLICANT: Couture, Larry  
APPLICANT: McSwigen, James  
APPLICANT: Bisgaier, Charles  
APPLICANT: Page, Michael  
TITLE OF INVENTION: METHOD AND REAGENT FOR  
PREVENTION, INHIBITION OF  
TITLE OF INVENTION: PROGRESSION AND REGRESSION  
TITLE OF INVENTION: OF VASCULAR DISEASES  
NUMBER OF SEQUENCES: 1243  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles

STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/363,240A  
FILING DATE: December 23, 1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 210/096  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 74:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-363-240A-74

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1308 ATCTGTGAGCAGCT 1321  
DB 14 ATTGTGTAACAGCT 1

RESULT 309  
US-08-311-486C-670  
Sequence 670, Application US/08311486C  
Patent No. 5813300  
GENERAL INFORMATION:  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth Draper  
APPLICANT: Kevin Kisch  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwigen  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: TNF- $\alpha$   
NUMBER OF SEQUENCES: 1157  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311,486C  
FILING DATE: September 23, 1994  
CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/166  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 670:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-311-486C-670

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 64.3%; Pred. No. 1.8e+02;  
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Oy 1244 AGTGTCGGCTGC 1257  
Db 2 AGUGGUCAGGUGC 15

RESULT 310  
US-08-292-620A-58/c  
Sequence 58, Application US/08292620A  
Patent No. 5837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwigen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992

two

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 58:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-58

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 1300 CCATGTCATCTGT 1313  
Db 15 CCATGTCATCTCT 2

RESULT 311  
US-08-292-620A-108/c  
Sequence 108, Application US/08292620A  
Patent No. 5837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwigen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440

two

TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 108  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-108

Query Match 4.3%; Score 10.8; DB 1;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 1374 CAGAGCAGCTGCG 1387  
Db 14 CAGAGAGCTGCG 1

RESULT 312  
US-08-292-620A-494  
Sequence 494, Application US/08292620A  
Parent No. 5837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 494:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-292-620A-494

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 78.6%; Pred. No. 1.8e+02;  
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Oy 1316 GCAGCTAGGAGGC 1329  
Db 2 GCAGCTAGGAGGC 15

RESULT 313  
US-08-292-620A-595/c  
Sequence 595, Application US/08292620A  
Parent No. 5837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 595:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-595

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 1271 AGAGGCTGAGGCA 1284

Db 15 AGTGGCTGAGGCTA 2

```

RESULT 314
US-08-292-620A-689
; Sequence 689, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwigen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; INFORMATION FOR SEQ ID NO: 689:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 689:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-689

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 1.8e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 1316 GCAGCTAGGAGACC 1329
Db 2 GGAGCUGCGGAGCC 15

RESULT 315
US-08-774-306A-363/C
; Sequence 363, Application US/08774306A
```

```

; Patent No. 5869253
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,306A
; FILING DATE: December 26, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/227
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 363:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-774-306A-363

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1278 GAGGCGAGAGACC 1291
Db 15 GAGGCGGAGAGACC 2

RESULT 316
US-08-353-476-4
; Sequence 4, Application US/08353476
; Patent No. 5871902
; GENERAL INFORMATION:
; APPLICANT: Weininger, Susan
; APPLICANT: Weininger, Arthur M
; TITLE OF INVENTION: METHOD OF DETECTION OF DNA WITH A
; TITLE OF INVENTION: SPECIFIC SEQUENCE COMPOSITION
; NUMBER OF SEQUENCES: 117
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik & Saliwanchik
; STREET: 2421 N.W. 41st St., Suite A-1
; CITY: Gainesville
; STATE: Florida
; COUNTRY: USA
; ZIP: 32606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
```



COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent'n Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/353,476  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Bencen, Gerard H  
REGISTRATION NUMBER: 35,746  
REFERENCE/DOCKET NUMBER: GP-100  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (904) 375-8100  
TELEFAX: (904) 372-5800  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-353-476-4

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1341 GCAGAGACTTCC 1354  
DB 1 GCTGGGACTTCC 14

RESULT 317  
US-08-585-684B-678  
Sequence 678, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440

TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 678:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-678

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 57.1%; Pred. No. 1.8e+02;  
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1330 TCTTCTCCAGGCA 1343  
DB 2 UGUUCUCAAGCA 15

RESULT 318  
US-08-585-684B-679  
Sequence 679, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 679:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-679

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 57.1%; Pred. No. 1.8e+02;  
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1330 TCTTCTCCAGGCA 1343  
DB 2 UGUUCUCAAGCA 15

RESULT 319  
US-08-585-684B-680  
Sequence 680, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 680:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-680

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 57.1%; Pred. No. 1.8e+02;  
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1330 TCTTCTCCAGCA 1343  
: : : : :  
Db 2 UGUUCUCCAAAGCA 15

RESULT 320  
US-08-585-684B-797  
Sequence 797, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 797:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-797

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 64.3%; Pred. No. 1.8e+02;  
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1345 GAGACTTCCAGC 1358  
: : : : :  
Db 2 GACAAUUCGCGA 15

RESULT 321  
US-08-585-684B-798  
Sequence 798, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 798:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-798

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 64.3%; Pred. No. 1.8e+02;  
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1345 GAGACTTCCAGG 1358  
Db 1 GACAUVUCCAGG 14

RESULT 322  
US-08-585-684B-1359/C  
Sequence 1359, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1359:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-585-684B-1359

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1266 CTGGAAGAGGCTGA 1279  
Db 14 CTGGGAGAGGCTGA 1

RESULT 323  
US-08-585-684B-1645/C  
Sequence 1645, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1645:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-1645

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1307 CATCTGTGAGCAGC 1320  
Db 15 CATCTGTGAGCAGC 2

RESULT 324  
US-08-585-684B-1646/C  
Sequence 1646, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1646:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-1646

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1307 CATCTGTGAGCAGC 1320  
Db 15 CATCTGAGATCAGC 2

RESULT 325  
US-08-585-684B-1647/c  
Sequence 1647, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1647:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-1647

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1307 CATCTGTGAGCAGC 1320  
Db 15 CATCTGAGATCAGC 2

RESULT 326  
US-08-585-684B-1648/c  
Sequence 1648, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1648:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-1648

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1307 CATCTGTGACGAC 1320  
Db 15 CATCTGAGATCAGC 2

RESULT 327  
US-08-585-684B-2099  
Sequence 2099, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Scinichcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 955-0440  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2099:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-2099

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 57.1%; Pred. No. 1.8e+02;  
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;  
Qy 1326 GACCTCTCTCCAA 1339

Db 1 GACCTCTCTCCAA 14

RESULT 328  
US-08-585-684B-2100  
Sequence 2100, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Scinichcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2100:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-2100

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 57.1%; Pred. No. 1.8e+02;  
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1328 CCTCTCTCCAGG 1341  
Db 2 CUCUCUCUCCAAUG 15

RESULT 329  
US-08-585-684B-2295  
Sequence 2295, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Scinichcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751

;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Lyon & Lyon  
;; STREET: 633 West Fifth Street  
;; STREET: Suite 4700  
;; CITY: Los Angeles  
;; STATE: California  
;; COUNTRY: U.S.A.  
;; ZIP: 90071  
;;  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
;;  
;; MEDIUM TYPE: Storage  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: IBM P.C. DOS 5.0  
;; SOFTWARE: FastSeq Version 1.5  
;;  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/585,684B  
;; FILING DATE: January 16, 1996  
;;  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 60/000,951  
;; FILING DATE: July 7, 1995  
;;  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard  
;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 218/078  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;;  
;; INFORMATION FOR SEQ ID NO: 2295:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 15 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;;  
US-08-585-684B-2295

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 57.1%; Pred. No. 1.8e+02;  
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1326 GACCTCTCTCCAA 1339  
| : : : : :  
Db 1 GGCUCUCUCUCCAA 14

RESULT 330  
US-08-774-310-227  
; Sequence 227, Application US/08774310  
; Patent No. 5877022  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Daniel T.  
; APPLICANT: McSwigen, James  
; APPLICANT: Newton, Roger S.  
; APPLICANT: Ramharack, Randy  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF  
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY  
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN  
; NUMBER OF SEQUENCES: 392  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: Storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0

;; SOFTWARE: FastSeq Version 1.5  
;;  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/774,310  
;; FILING DATE: December 23, 1996  
;;  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/311,760  
;; FILING DATE: September 23, 1994  
;;  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard  
;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 223/229  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;;  
;; INFORMATION FOR SEQ ID NO: 227:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 15 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;;  
US-08-774-310-227

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 50.0%; Pred. No. 1.8e+02;  
Matches 7; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1301 CATGCATCTGTG 1314  
| : : : : :  
Db 2 CUGGUCUCUUG 15

RESULT 331  
US-08-913-833-27  
; Sequence 27, Application US/08913833  
; Patent No. 6087093  
; GENERAL INFORMATION:  
; APPLICANT: STUYVER, LIEVEN  
; APPLICANT: LOUWAGIE, JOOST  
; APPLICANT: ROSSAU, RUDI  
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED  
; TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE  
; NUMBER OF SEQUENCES: 164  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: ARNOLD, WHITE & DURKEE  
; STREET: P.O. BOX 4433  
; CITY: HOUSTON  
; STATE: TEXAS  
; COUNTRY: USA  
; ZIP: 77210-4433  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Microsoft Word 6.0 / ASCII text output  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/913,833  
; FILING DATE: 15 Sep 1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/EP97/00211  
; FILING DATE: 17 Jan 1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: EP 96870005.4  
; FILING DATE: 26 Jan 1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: EP 96870081.5  
; FILING DATE: 25 Jun 1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: KAMMERER, PATRICIA A.  
; REGISTRATION NUMBER: 29,775  
; REFERENCE/DOCKET NUMBER: INNS:008  
; INFORMATION FOR SEQ ID NO: 27:  
; SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-913-833-27

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1262 ACAGCTGAGAGAGG 1275  
Db 2 AGAAGTGAAGAGG 15

RESULT 332  
US-08-913-833-28  
Sequence 28, Application US/08913833  
Patent No. 6087093  
GENERAL INFORMATION:  
APPLICANT: STUYVER, LIEVEN  
APPLICANT: LOUWAGIE, JOOST  
APPLICANT: ROSSAU, RUDI  
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED  
TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE  
NUMBER OF SEQUENCES: 164  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: ARNOLD, WHITE & DURKEE  
STREET: P. O. BOX 4433  
CITY: HOUSTON  
STATE: TEXAS  
COUNTRY: USA  
ZIP: 77210-4433  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 6.0 / ASCII text output  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/913,833  
FILING DATE: 15 Sep 1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/EP97/00211  
FILING DATE: 17 Jan 1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 96870005.4  
FILING DATE: 26 Jan 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 96870081.5  
FILING DATE: 25 Jun 1996  
ATTORNEY/AGENT INFORMATION:  
NAME: KAMMERER, PATRICIA A.  
REGISTRATION NUMBER: 29,775  
REFERENCE/DOCKET NUMBER: INNS:008  
INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-913-833-28

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 1262 ACAGCTGAGAGAGG 1275

Db 1 AGAAGTGAAGAGG 14

RESULT 333  
US-09-105-515-1/C  
Sequence 1, Application US/09105515  
Patent No. 6113913

GENERAL INFORMATION:  
APPLICANT: BROUGH, DOUGLAS E.  
TITLE OF INVENTION: RECOMBINANT ADENOVIRUS  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: LEYDIG, VOIT & MAYER, LTD.  
STREET: TWO PRUDENTIAL PLAZA, SUITE 4900  
CITY: CHICAGO  
STATE: IL  
COUNTRY: US  
ZIP: 60601-6780  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/105,515  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: KILYK JR., JOHN  
REGISTRATION NUMBER: 30763  
REFERENCE/DOCKET NUMBER: 83827  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-616-5700  
FAX: 312-616-5700  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)  
US-09-105-515-1

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1268 GGAAGAGCTGAGG 1281  
Db 15 GGAAGAGCTGAGG 2

RESULT 334  
US-09-064-156A-363/C  
Sequence 363, Application US/09064156A  
Patent No. 6132966  
GENERAL INFORMATION:  
APPLICANT: Draper, Kenneth G.  
TITLE OF INVENTION: METHOD AND REAGENT FOR  
TITLE OF INVENTION: INHIBITING HEPATITIS C  
TITLE OF INVENTION: VIRUS REPLICATION  
NUMBER OF SEQUENCES: 498  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/064,156A  
FILING DATE: April 21, 1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/774,306  
FILING DATE: December 26, 1996  
APPLICATION NUMBER: 08/182,968  
FILING DATE: January 13, 1994  
APPLICATION NUMBER: 07/882,888  
FILING DATE: May 14, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 234/083  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 363:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-064-156A-363

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1278 GAGGCGACAGACCC 1291

Db 15 GAGGCGGAGAGACC 2

RESULT 335  
US-09-071-845-58/C  
Sequence 58, Application US/09071845  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwigen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071,845  
FILING DATE:  
CLASSIFICATION:

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 58:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-58

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1300 CCATGTCATCTGT 1313

Db 15 CCATGTCATCTCT 2

RESULT 336  
US-09-071-845-108/C  
Sequence 108, Application US/09071845  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwigen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071,845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992



ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 108:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-108

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1374 CAGAGCGCTGCG 1387  
DB 14 CAGAGAGCTGCG 1

RESULT 337  
US-09-071-845-494  
Sequence 494, Application US/09071845  
Patent No. 6132967  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071.845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292.620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008.895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989.849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440

TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 494:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-494

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 78.6%; Pred. No. 1.8e+02;  
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1316 GCAGTAGCGGACC 1329  
DB 2 GCAGCUAGCGGACC 15

RESULT 338  
US-09-071-845-595/C  
Sequence 595, Application US/09071845  
Patent No. 6132967  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071.845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292.620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008.895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989.849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 595:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-09-071-845-595

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1271 AGAGCTGAGGCA 1284  
15 AGTGCTGAGGTA 2

RESULT 339  
US-09-071-845-689

; Sequence 689, Application US/09071845  
; Patent No. 6132367

GENERAL INFORMATION:

APPLICANT: Susan Grimm

APPLICANT: Dan T. Stinchcomb

APPLICANT: James McSwigen

APPLICANT: Sean Sullivan

APPLICANT: Kenneth G. Draper

TITLE OF INVENTION: RIBOZYME TREATMENT OF

TITLE OF INVENTION: DISEASES OR CONDITIONS

TITLE OF INVENTION: RELATED TO LEVELS OF

TITLE OF INVENTION: INTRACELLULAR ADHESION

NUMBER OF SEQUENCES: 2390

CORRESPONDENCE ADDRESSES:

ADDRESS: Lyon &amp; Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2056

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/071.845

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/292.620

FILING DATE: August 17, 1994

APPLICATION NUMBER: 08/008.895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989.849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/149

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 689:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-071-845-689

Query Match 4.3%; Score 10.8; DB 1; Length 15;

Best Local Similarity 78.6%; Pred. No. 1.8e+02;  
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 1316 GCAGCTAGGAGCC 1329

Db 2 GGAGCTAGGAGCC 15

RESULT 340  
US-09-377-310-30

; Sequence 30, Application US/09377310B  
; Patent No. 6133031

GENERAL INFORMATION:

APPLICANT: Monica, Brett P.

APPLICANT: Gaarde, William A.

TITLE OF INVENTION: Antisense Modulation of Focal Adhesion Kinase

TITLE OF INVENTION: Expression

FILE REFERENCE: ISPH-0389

CURRENT APPLICATION NUMBER: US/09/377,310B

CURRENT FILING DATE: 1999-08-19

NUMBER OF SEQ ID NOS: 43

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 30

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: antisense sequence

US-09-377-310-30

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1377 AAGCAGCTGCGTT 1390  
2 AAGCAGCTGCCATT 15

RESULT 341

US-09-038-073-678

; Sequence 678, Application US/09038073

; Patent No. 6194150

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.

APPLICANT: Jarvis, Thale

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751

CORRESPONDENCE ADDRESSES:

ADDRESS: Lyon &amp; Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/038,073

FILING DATE:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/585,684

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/078

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 678:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-038-073-678

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 57.1%; Pred. No. 1.8e+02;  
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1330 TCTTCTCCAAGCA 1343  
: : : : :  
Db 2 UGUUCCCAAAGCA 15

RESULT 342  
US-09-038-073-679  
Sequence 679, Application US/09038073  
Patent No. 6194150  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/038, 073  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/585,684  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 679:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-038-073-679

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 57.1%; Pred. No. 1.8e+02;  
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;  
QY 1330 TCTTCTCCAAGCA 1343  
: : : : :  
Db 2 UGUUCCCAAAGCA 15

Db 2 UGUUCCCAAAGCA 15

RESULT 343  
US-09-038-073-680  
Sequence 680, Application US/09038073  
Patent No. 6194150  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/038, 073  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/585,684  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 680:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-038-073-680

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 57.1%; Pred. No. 1.8e+02;  
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1330 TCTTCTCCAAGCA 1343  
: : : : :  
Db 2 UGUUCCCAAAGCA 15

RESULT 344  
US-09-038-073-797  
Sequence 797, Application US/09038073  
Patent No. 6194150  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/038.073  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/585,684  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 797:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-038-073-797

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 64.3%; Pred. No. 1.8e+02;  
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1345 GAGACTTCCAGG 1358  
Db 2 GACAAUUDCCAGG 15

RESULT 345  
US-09-038-073-798  
Sequence 798, Application US/09038073  
Patent No. 6194150  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/038.073  
FILING DATE:

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/585,684  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 798:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-038-073-798

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 64.3%; Pred. No. 1.8e+02;  
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1345 GAGACTTCCAGG 1358  
Db 1 GACAAUUDCCAGG 14

RESULT 346  
US-09-038-073-1359/C  
Sequence 1359, Application US/09038073  
Patent No. 6194150  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/038.073  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/585,684  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1359:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

```

; TOPOLOGY: linear
US-09-038-073-1359

Query Match      4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1266 CTGAGAGGCTGA 1279
DB      14 CTGGGGGAGGCTGA 1

RESULT 347
US-09-038-073-1645/C
; Sequence 1645, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038.073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585.684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Wardburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1645:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-1645

Query Match      4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1307 CATCTGTGAGCAGC 1320
DB      15 CATCTGAGATCAGC 2

RESULT 348
US-09-038-073-1646/C
; Sequence 1646, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

US-09-038-073-1647/C
; Sequence 1647, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

US-09-038-073-1646
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1646:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-1646

Query Match      4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1307 CATCTGTGAGCAGC 1320
DB      15 CATCTGAGATCAGC 2

RESULT 349
US-09-038-073-1647/C
; Sequence 1647, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
```

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/038,073  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/585,684  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1647:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-038-073-1647

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1307 CATCTGAGACG 1320  
Db 15 CATCTGAGATCAGC 2

RESULT 350  
US-09-038-073-1648/C  
Sequence 1648, Application US/09038073  
Patent No. 6194150  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/038,073  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/585,684  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1648:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-038-073-1648

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1307 CATCTGAGACG 1320  
Db 15 CATCTGAGATCAGC 2

RESULT 351  
US-09-038-073-2099  
Sequence 2099, Application US/09038073  
Patent No. 6194150  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/038,073  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/585,684  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2099:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-038-073-2099

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 57.1%; Pred. No. 1.8e+02;  
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1326 GACCTCTCTCCAA 1339  
| | : : : : | | | |  
Db 1 GGCUCUCUCCAUG 14

RESULT 352  
US-09-038-073-2100  
; Sequence 2100, Application US/09038073  
; Patent No. 6194150  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Daniel T.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: MCSwigen, James  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
; NUMBER OF SEQUENCES: 2751  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FASTSEQ Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/038,073  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/585,684  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/078  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 2100:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-09-038-073-2100

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 57.1%; Pred. No. 1.8e+02;  
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1328 CCTCTCTCCAA 1341  
| | : : : : | | | |  
Db 2 CUUCUCUCCAUG 15

RESULT 353  
US-09-038-073-2295  
; Sequence 2295, Application US/09038073  
; Patent No. 6194150  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Daniel T.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: MCSwigen, James  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/038,073  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/585,684  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2295:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-038-073-2295

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 57.1%; Pred. No. 1.8e+02;  
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1326 GACCTCTCTCCAA 1339  
| | : : : : | | | |  
Db 1 GGCUCUCUCCAUG 14

RESULT 354  
US-09-275-850-25  
; Sequence 25, Application US/09275850A  
; Patent No. 6261774  
; GENERAL INFORMATION:  
; APPLICANT: Pagratlis, Nikos  
; APPLICANT: Gold, Larry  
; APPLICANT: Sheatland, Timur  
; APPLICANT: Javornik, Brenda  
; TITLE OF INVENTION: Truncation SELEX Method  
; FILE REFERENCE: NEX 79  
; CURRENT APPLICATION NUMBER: US/09/275,850A  
; CURRENT FILING DATE: 1999-03-24  
; NUMBER OF SEQ ID NOS: 351  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 25  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: E. coli  
US-09-275-850-25

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1373 CCAGAGCAGCTGC 1386  
| | | | | | | | | | | | | | | |

Db 2 CCAGCAGCAGCGGC 15

## RESULT 355

US-09-054-832-29/C  
Sequence 29, Application US/09054832  
Patent No. 6312894  
GENERAL INFORMATION:  
APPLICANT: Meyer, Rich  
TITLE OF INVENTION: IMPROVED HYBRIDIZATION AND  
TITLE OF INVENTION: MISMATCH DISCRIMINATION USING OLIGONUCLEOTIDES  
TITLE OF INVENTION: CONJUGATED TO MINOR GROOVE BINDERS  
NUMBER OF SEQUENCES: 40  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FOERSTER  
STREET: 755 PAGE MILL ROAD  
CITY: PALO ALTO  
STATE: CA  
COUNTRY: USA  
ZIP: 94304-1018  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows  
SOFTWARE: FastSeq for Windows Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/054,832  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/415,370  
FILING DATE: 03-APR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Brennan, Sean M  
REGISTRATION NUMBER: 39,917  
REFERENCE/DOCKET NUMBER: 34469-20004.20  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-813-5600  
TELEFAX: 650-494-0792  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-054-832-29

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1316 GCAGCTAGCGGACC 1329

Db 15 GCAGCTCGGGAAC 2

RESULT 356  
US-09-580-794C-27  
Sequence 27, Application US/09580794C  
Patent No. 6331389  
GENERAL INFORMATION:  
APPLICANT: Stuyver, Lieven  
APPLICANT: Louwaagle, Joost  
APPLICANT: Rosseau, Rudi  
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE  
TITLE OF INVENTION: TRANSCRIPTASE GENE  
FILE REFERENCE: INNS008--2  
CURRENT APPLICATION NUMBER: US/09/580,794C  
CURRENT FILING DATE: 2000-05-30  
PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093  
PRIOR FILING DATE: 1997-09-15  
PRIOR APPLICATION NUMBER: PCT/EP 97/00211

PRIOR FILING DATE: 1997-01-17  
PRIOR APPLICATION NUMBER: EP 96870005.4  
PRIOR FILING DATE: 1996-01-26  
PRIOR APPLICATION NUMBER: EP 96870081.5  
PRIOR FILING DATE: 1996-06-25  
NUMBER OF SEQ ID NOS: 164  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 27  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Primer  
US-09-580-794C-27  
Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1262 ACAGCTGGAAGAG 1275

Db 2 AGAAGTGAAGAG 15

RESULT 357  
US-09-580-794C-28  
Sequence 28, Application US/09580794C  
Patent No. 6331389  
GENERAL INFORMATION:  
APPLICANT: Stuyver, Lieven  
APPLICANT: Louwaagle, Joost  
APPLICANT: Rosseau, Rudi  
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE  
TITLE OF INVENTION: TRANSCRIPTASE GENE  
FILE REFERENCE: INNS008--2  
CURRENT APPLICATION NUMBER: US/09/580,794C  
CURRENT FILING DATE: 2000-05-30  
PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093  
PRIOR FILING DATE: 1997-09-15  
PRIOR APPLICATION NUMBER: PCT/EP 97/00211  
PRIOR FILING DATE: 1997-01-17  
PRIOR APPLICATION NUMBER: EP 96870005.4  
PRIOR FILING DATE: 1996-01-26  
PRIOR APPLICATION NUMBER: EP 96870081.5  
PRIOR FILING DATE: 1996-06-25  
NUMBER OF SEQ ID NOS: 164  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 28  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Primer  
US-09-580-794C-28

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1262 ACAGCTGGAAGAG 1275

Db 1 AGAAGTGAAGAG 14

RESULT 358  
US-09-081-646-62  
Sequence 62, Application US/09081646  
Patent No. 6333152  
GENERAL INFORMATION:  
APPLICANT: Kinzler, Kenneth  
APPLICANT: Vogelstein, Bert  
APPLICANT: Zhang, Lin  
APPLICANT: Zhou, Wei



```

; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152ma1 and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 62
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-62

Query Match      4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      1206 AGGCGAGCCATCTG 1219
Db      2 ATGGCAGCCATCCG 15

RESULT 359
US-09-081-646-103
; Sequence 103, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152ma1 and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 103
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-103

Query Match      4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      1233 CATGCTGCGCAGT 1246
Db      1 CATGCTGCTGCTGT 14

RESULT 360
US-09-081-646-104
; Sequence 104, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152ma1 and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21

; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 218
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-218

; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 104
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-104

; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 104
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-104

Query Match      4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      1273 AGCTGAGCGCAGA 1286
Db      2 ATGCTGATGCGACA 15

RESULT 361
US-09-081-646-150/c
; Sequence 150, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152ma1 and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 150
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-150

Query Match      4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      1416 GCTGAGCGGCGCAT 1429
Db      15 GCTGAGCTGCGCAT 2

RESULT 362
US-09-081-646-218/c
; Sequence 218, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152ma1 and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 218
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-218
```

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1291 CTCAGGGTGCCATG 1304  
DB 14 CCCAGGGTTCATG 1

RESULT 363  
US-09-081-646-231/c  
; Sequence 231, Application US/09081646  
; Patent No. 6333152  
; GENERAL INFORMATION:  
; APPLICANT: Kinzler, Kenneth  
; APPLICANT: Vogelstein, Bert  
; APPLICANT: Zhang, Lin  
; APPLICANT: Zhou, Wei  
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and  
; FILE REFERENCE: 01107.74664  
; CURRENT APPLICATION NUMBER: US/09/081,646  
; EARLIER FILING DATE: 1998-05-20  
; EARLIER APPLICATION NUMBER: 60/047,352  
; NUMBER OF SEQ ID NOS: 871  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 231  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-081-646-231

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1223 GACCTCCAGCATG 1236  
DB 14 GCACTCCAGCATG 1

RESULT 364  
US-09-081-646-441/c  
; Sequence 441, Application US/09081646  
; Patent No. 6333152  
; GENERAL INFORMATION:  
; APPLICANT: Kinzler, Kenneth  
; APPLICANT: Vogelstein, Bert  
; APPLICANT: Zhang, Lin  
; APPLICANT: Zhou, Wei  
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and  
; FILE REFERENCE: 01107.74664  
; CURRENT APPLICATION NUMBER: US/09/081,646  
; EARLIER FILING DATE: 1998-05-20  
; EARLIER APPLICATION NUMBER: 60/047,352  
; NUMBER OF SEQ ID NOS: 871  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 441  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-081-646-441

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1296 GGTGCATGTCAT 1309  
DB 14 GGTGCATGTCAT 1

DB 15 GGTGCATGTCAT 2

RESULT 365  
US-09-081-646-565/c  
; Sequence 565, Application US/09081646  
; Patent No. 6333152  
; GENERAL INFORMATION:  
; APPLICANT: Kinzler, Kenneth  
; APPLICANT: Vogelstein, Bert  
; APPLICANT: Zhang, Lin  
; APPLICANT: Zhou, Wei  
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and  
; FILE REFERENCE: 01107.74664  
; CURRENT APPLICATION NUMBER: US/09/081,646  
; EARLIER FILING DATE: 1998-05-20  
; EARLIER APPLICATION NUMBER: 60/047,352  
; NUMBER OF SEQ ID NOS: 871  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 565  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-081-646-565

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1291 CTCAGGGTGCCATG 1304  
DB 14 CACAGGGTTCATG 1

RESULT 366  
US-09-081-646-574/c  
; Sequence 574, Application US/09081646  
; Patent No. 6333152  
; GENERAL INFORMATION:  
; APPLICANT: Kinzler, Kenneth  
; APPLICANT: Vogelstein, Bert  
; APPLICANT: Zhang, Lin  
; APPLICANT: Zhou, Wei  
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and  
; FILE REFERENCE: 01107.74664  
; CURRENT APPLICATION NUMBER: US/09/081,646  
; EARLIER FILING DATE: 1998-05-20  
; EARLIER APPLICATION NUMBER: 60/047,352  
; NUMBER OF SEQ ID NOS: 871  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 574  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-081-646-574

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1203 CAGAGGGCAGCAT 1216  
DB 15 CAGGGGAGCATG 2

RESULT 367  
US-09-081-646-833  
; Sequence 833, Application US/09081646  
; Patent No. 6333152

```
/ GENERAL INFORMATION:
/ APPLICANT: Kinzler, Kenneth
/ APPLICANT: Vogelstein, Bert
/ APPLICANT: Zhang, Lin
/ APPLICANT: Zhou, Wei
/ TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
/ FILE REFERENCE: 01107.74664
/ CURRENT APPLICATION NUMBER: US/09/081.646
/ EARLIER FILING DATE: 1998-05-20
/ EARLIER APPLICATION NUMBER: 60/047.352
/ NUMBER OF SEQ ID NOS: 871
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO: 833
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-081-646-833

Query Match          4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1206 AGGCAGCCATCTG 1219
Db      2 ATGCAGCCATCCG 15

RESULT 368
US-09-081-646-855/c
/ Sequence 855, Application US/09081646
/ Patent No. 6333152
/ GENERAL INFORMATION:
/ APPLICANT: Kinzler, Kenneth
/ APPLICANT: Vogelstein, Bert
/ APPLICANT: Zhang, Lin
/ APPLICANT: Zhou, Wei
/ TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
/ FILE REFERENCE: 01107.74664
/ CURRENT APPLICATION NUMBER: US/09/081.646
/ EARLIER FILING DATE: 1998-05-20
/ EARLIER APPLICATION NUMBER: 60/047.352
/ NUMBER OF SEQ ID NOS: 871
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO: 855
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-081-646-855

Query Match          4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1291 CTCAGGTGCATG 1304
Db      14 CCCAGGTTCCATG 1

RESULT 369
US-09-748-044-1/c
/ Sequence 1, Application US/09748044
/ Patent No. 6458578
/ GENERAL INFORMATION:
/ APPLICANT: Brough, Douglas E.
/ APPLICANT: Kovsedl, Imre
/ TITLE OF INVENTION: Recombinant Cell Line
/ FILE REFERENCE: 207952
/ CURRENT APPLICATION NUMBER: US/09/748.044
/ CURRENT FILING DATE: 2000-12-22
```

```
/ PRIOR APPLICATION NUMBER: PCT/US99/14333
/ PRIOR FILING DATE: 1999-06-24
/ PRIOR APPLICATION NUMBER: US 09/105,515
/ PRIOR FILING DATE: 1998-06-26
/ NUMBER OF SEQ ID NOS: 4
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO: 1
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Adenovirus type 5
US-09-748-044-1

Query Match          4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1268 GGAAGAGCTGAGG 1281
Db      15 GGAAGAGTGAGG 2

RESULT 370
US-09-640-953-29/c
/ Sequence 29, Application US/09640953
/ Patent No. 6492346
/ GENERAL INFORMATION:
/ APPLICANT: Meyer, Rich
/ TITLE OF INVENTION: IMPROVED HYBRIDIZATION AND
/ MISMATCH DISCRIMINATION USING OLIGONUCLEOTIDES
/ CONFIGURED TO MINOR GROOVE BINDERS
/ NUMBER OF SEQUENCES: 40
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: MORRISON & FOERSTER
/ STREET: 755 PAGE MILL ROAD
/ CITY: PALO ALTO
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94304-1018
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: Windows
/ SOFTWARE: FastSeq for Windows Version 2.0b
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/640.953
/ FILING DATE: 16-AUG-2000
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/09/054.832
/ FILING DATE: 03-APR-1998
/ APPLICATION NUMBER: 08/415.370
/ FILING DATE: 03-APR-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Brennan, Sean M
/ REGISTRATION NUMBER: 39,917
/ REFERENCE/DOCKET NUMBER: 34469-20004.20
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 650-813-5600
/ TELEFAX: 650-494-0792
/ TELEX: 706141
/ INFORMATION FOR SEQ ID NO: 29:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-09-640-953-29

Query Match          4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1316 GCAGTAGGGAGCC 1329
```

Db 15 GCAGCTCGGAACC 2

## RESULT 371

US-09-913-514-21  
; Sequence 21, Application US/09913514  
; Patent No. 6653069  
; GENERAL INFORMATION:  
; APPLICANT: GOMI, Yasuyuki  
; APPLICANT: SUNAMACHI, Hiroki  
; APPLICANT: TAKAMASHI, Michiaki  
; APPLICANT: YAMANISHI, Koichi  
; TITLE OF INVENTION: Method for Quality Control of an Attenuated Varicella Live Vaccine  
; FILE REFERENCE: 0216-0454P  
; CURRENT APPLICATION NUMBER: US/09/913,514  
; PRIOR FILING DATE: 2001-12-07  
; PRIOR APPLICATION NUMBER: PCT/JP01/00678  
; PRIOR FILING DATE: 2001-01-31  
; PRIOR APPLICATION NUMBER: JP 2000-62734  
; PRIOR FILING DATE: 2000-01-31  
; NUMBER OF SEQ ID NOS: 42  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 21  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Varicella virus  
US-09-913-514-21

## Query Match

Best Local Similarity 4.3%; Score 10.8; DB 1; Length 15;  
Matches 12; Conservative 0; Pred. No. 1.8e+02; Mismatches 2; Indels 0; Gaps 0;

Qy 1268 GAGAGGCTGAGG 1281

Db 1 GCGAGGCGGAGG 14

## RESULT 372

US-09-943-983C-27  
; Sequence 27, Application US/09943983C  
; Patent No. 6713251  
; GENERAL INFORMATION:  
; APPLICANT: Stuyver, Lieven  
; APPLICANT: Louwaeghe, Joost  
; APPLICANT: Rosseau, Rudi  
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE  
; FILE REFERENCE: 11362.0008.DUUS02 (INNS008--3)  
; CURRENT APPLICATION NUMBER: US/09/943,983C  
; PRIOR FILING DATE: 2001-08-31  
; PRIOR APPLICATION NUMBER: US 09/580,794  
; PRIOR FILING DATE: 2000-05-30  
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093  
; PRIOR FILING DATE: 1997-09-15  
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211  
; PRIOR FILING DATE: 1997-01-17  
; PRIOR APPLICATION NUMBER: EP 96870005.4  
; PRIOR FILING DATE: 1996-01-26  
; PRIOR APPLICATION NUMBER: EP 96670081.5  
; PRIOR FILING DATE: 1996-06-25  
; NUMBER OF SEQ ID NOS: 164  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 27  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Primer  
US-09-943-983C-27

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1262 ACAGCTGGAAGG 1275

Db 2 AGAAGTGAAGAGG 15

## RESULT 373

US-09-943-983C-28  
; Sequence 28, Application US/09943983C  
; Patent No. 6713251  
; GENERAL INFORMATION:  
; APPLICANT: Stuyver, Lieven  
; APPLICANT: Louwaeghe, Joost  
; APPLICANT: Rosseau, Rudi  
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE  
; FILE REFERENCE: 11362.0008.DUUS02 (INNS008--3)  
; CURRENT APPLICATION NUMBER: US/09/943,983C  
; PRIOR FILING DATE: 2001-08-31  
; PRIOR APPLICATION NUMBER: US 09/580,794  
; PRIOR FILING DATE: 2000-05-30  
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093  
; PRIOR FILING DATE: 1997-09-15  
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211  
; PRIOR FILING DATE: 1997-01-17  
; PRIOR APPLICATION NUMBER: EP 96870005.4  
; PRIOR FILING DATE: 1996-01-26  
; PRIOR APPLICATION NUMBER: EP 96870081.5  
; PRIOR FILING DATE: 1996-06-25  
; NUMBER OF SEQ ID NOS: 164  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 28  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Primer  
US-09-943-983C-28

Query Match 4.3%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1262 ACAGCTGGAAGG 1275

Db 1 AGAAGTGAAGAGG 14

## RESULT 374

US-09-866-108A-8650/C  
; Sequence 8650, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wenheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30

```
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8650
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8650
```

```
Query Match          4.3%; Score 10.8; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 2.4e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Oy      1373 CCAGACGACGCTGC 1386
Db      14  CCAGCTGCAGCTGC 1
```

```
RESULT 375
US-09-866-108A-7795/C
; Sequence 7795, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shatton G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866.108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7795
; LENGTH: 17
```

```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7795
;
;
Query Match          4.2%; Score 10.6; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 2.7e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Oy      1253 GCTGACGACGCTGC 1269
Db      17  GCTGCTGTGAAGCTGG 1
```

```
RESULT 376
US-09-866-108A-10730/C
; Sequence 10730, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shatton G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866.108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10730
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10730
;
;
Query Match          4.2%; Score 10.6; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 2.7e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Oy      1182 CTGGGCTCCGAGGCC 1198
Db      17  CTGGAGCCCGACATCC 1
```

```
RESULT 377
US-08-494-301A-17
; Sequence 17, Application US/08494301A
; Patent No. 5856461
; GENERAL INFORMATION:
```

APPLICANT: Colote, Soudhir  
APPLICANT: Pirozky, Eduardo  
TITLE OF INVENTION: Oligonucleotides to Inhibit the  
TITLE OF INVENTION: Expression of Isoprenyl Protein Transferases  
NUMBER OF SEQUENCES: 36  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Lucas & Just  
STREET: 205 E. 42nd Street  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10017  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch,  
MEDIUM TYPE: 1.44 MB storage  
COMPUTER: IBM 486 Compatible  
OPERATING SYSTEM: MS-DOS 5.0  
SOFTWARE: Wordperfect 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/494,301A  
FILING DATE: 23-JUNE-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9413035.8  
FILING DATE: 29-JUNE-1994  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 12 base pairs  
TYPE: nucleotide  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
US-08-494-301A-17

Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1212 GCCATCTGTCTGAG 1223  
Db 1 GGCACTCTCTGAG 12

RESULT 378  
US-08-723-052-1  
Sequence 1, Application US/08723052  
Patent No. 5922757  
GENERAL INFORMATION:  
APPLICANT: Choikier, Mario  
APPLICANT: Carson, Dennis  
TITLE OF INVENTION: TREATMENT AND PREVENTION OF HEPATIC DISORDERS  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: MEDLEN & CARROLL, LLP  
STREET: 220 Montgomery Street, Suite 2200  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94104  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/723,052  
FILING DATE:  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Smith, Christopher J.  
REGISTRATION NUMBER: 40,179  
REFERENCE/DOCKET NUMBER: UCSD-02424  
TELECOMMUNICATION INFORMATION:

TELEPHONE: 415/705-8410  
TELEFAX: 415/397-8338  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 12 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-723-052-1

Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1344 GGAGACTTTCCC 1355  
Db 1 GGAGACTTTCCC 12

RESULT 379  
US-09-106-182-21  
Sequence 21, Application US/09106182  
Patent No. 6046035  
GENERAL INFORMATION:

APPLICANT: Shi, Yanggu  
APPLICANT: Ruben, Steve  
TITLE OF INVENTION: Cardiotrophin-Like Cytokine  
NUMBER OF SEQUENCES: 24  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Human Genome Sciences, Inc  
STREET: 9410 Key West Ave  
CITY: Rockville  
STATE: MD  
COUNTRY: US  
ZIP: 20850

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/106,182  
FILING DATE: Herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/051,053  
FILING DATE: 30-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Brookes, A. Anders  
REGISTRATION NUMBER: 36,373  
REFERENCE/DOCKET NUMBER: PF385  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 301-309-8504  
TELEFAX: 301-309-8439

INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 12 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-09-106-182-21

Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1344 GGAGACTTTCCC 1355  
Db 1 GGAGACTTTCCC 12

```
RESULT 380
US-09-274-625-1
; Sequence 1, Application US/09274625
; Patent No. 6075027
; GENERAL INFORMATION:
; APPLICANT: Chokier, Mario
; TITLE OF INVENTION: TREATMENT AND PREVENTION OF
; TITLE OF INVENTION: HEPATIC DISORDERS
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/274,625
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 09/274,624
; FILING DATE: 23-MAR-1999
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamtin
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: UCSD-03683
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/705-8410
; TELEFAX: 415/397-8338
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-09-274-625-1

Query Match          4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1344 GGAGACTTCCC 1355
Db      1 GGGGACTTCCC 12

RESULT 381
US-09-095-485-2
; Sequence 2, Application US/09095485
; Patent No. 6127176
; GENERAL INFORMATION:
; APPLICANT: Stark, George R.
; APPLICANT: Li, Xiaoxia
; TITLE OF INVENTION: Mutant Cell Lines Unresponsive to
; TITLE OF INVENTION: Interleukin 1
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Calfee, Halter & Griswold LLP
; STREET: 1400 McDonald Investment Center, 800 Superior
; STREET: Avenue
; CITY: Cleveland
; STATE: Ohio
; COUNTRY: United States
; ZIP: 44114
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,485
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Docherty, Pamela A.
REGISTRATION NUMBER: 40,591
REFERENCE/DOCKET NUMBER: 23114/04028
TELECOMMUNICATION INFORMATION:
TELEPHONE: (216) 622 8416
TELEFAX: (216) 241 0816
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-095-485-2

Query Match          4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1344 GGAGACTTCCC 1355
Db      1 GGGGACTTCCC 12
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RESULT 382
US-09-274-624-1
; Sequence 1, Application US/09274624
; Patent No. 6147123
; GENERAL INFORMATION:
; APPLICANT: Chokier, Mario
; TITLE OF INVENTION: TREATMENT AND PREVENTION OF
; TITLE OF INVENTION: HEPATIC DISORDERS
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/274,624
; FILING DATE: 23-MAR-1999
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamtin
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: UCSD-03683
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/705-8410
; TELEFAX: 415/397-8338
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
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US-09-274-624-1
Query Match      4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1344 GGAGACTTTCCC 1355
Db      1 GGGGACTTTCCC 12

RESULT 383
US-09-400-322-1
; Sequence 1, Application US/09400322
; Patent No. 6218437
; GENERAL INFORMATION:
; APPLICANT: Choikier, Mario
; TITLE OF INVENTION: TREATMENT AND PREVENTION OF HEPATIC DISORDERS
; FILE REFERENCE: US-03831
; CURRENT APPLICATION NUMBER: US/09/400.322
; EARLIER FILING DATE: 1999-09-21
; EARLIER FILING DATE: 1996-09-30
; EARLIER APPLICATION NUMBER: 09/274,624
; EARLIER FILING DATE: 1999-03-23
; EARLIER APPLICATION NUMBER: 09/274,625
; EARLIER FILING DATE: 1999-03-23
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-400-322-1
Query Match      4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1344 GGAGACTTTCCC 1355
Db      1 GGGGACTTTCCC 12

RESULT 384
US-09-227-357-8
; Sequence 8, Application US/09227357
; Patent No. 6342581
; GENERAL INFORMATION:
; APPLICANT: Fischer et al.
; TITLE OF INVENTION: 123 Human Secreted Proteins
; FILE REFERENCE: P2010P1
; CURRENT APPLICATION NUMBER: US/09/227.357
; EARLIER FILING DATE: 1999-01-08
; EARLIER APPLICATION NUMBER: PCT/US98/13684
; EARLIER FILING DATE: 1998-07-07
; EARLIER APPLICATION NUMBER: 60/051,926
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/052,793
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,925
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,929
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/052,803
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/052,732
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,931
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,932

; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,916
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,930
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,918
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,920
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/052,733
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/052,795
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,919
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,928
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/055,722
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,723
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,948
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,949
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,953
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,950
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,947
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,964
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/056,360
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,684
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,984
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,954
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/058,785
; EARLIER FILING DATE: 1997-09-12
; EARLIER APPLICATION NUMBER: 60/058,664
; EARLIER FILING DATE: 1997-09-12
; EARLIER APPLICATION NUMBER: 60/058,660
; EARLIER FILING DATE: 1997-09-12
; EARLIER APPLICATION NUMBER: 60/058,661
; EARLIER FILING DATE: 1997-09-12
; NUMBER OF SEQ ID NOS: 672
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-227-357-8
Query Match      4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1344 GGAGACTTTCCC 1355
Db      1 GGGGACTTTCCC 12

RESULT 385
US-09-724-594-1
; Sequence 1, Application US/09724594
; Patent No. 6348493
; GENERAL INFORMATION:
; APPLICANT: Choikier, Mario
; TITLE OF INVENTION: TREATMENT AND PREVENTION OF HEPATIC DISORDERS
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FILE REFERENCE: UCSD-03831  
CURRENT APPLICATION NUMBER: US/09/724,594  
CURRENT FILING DATE: 2000-11-28  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/400,322  
PRIOR FILING DATE: EARLIER FILING DATE: 1999-09-21  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/274,624  
PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/274,625  
PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-23  
NUMBER OF SEQ ID NOS: 4  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 1  
LENGTH: 12  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-724-594-1

Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGACTTCCC 1355  
Db 1 GGAGACTTCCC 12

RESULT 386  
US-09-280-839-11  
Sequence 11, Application US/09280839  
Patent No. 6365369  
GENERAL INFORMATION:  
APPLICANT: Endress, Gregory A.  
TITLE OF INVENTION: Prostate Specific Secreted Protein  
FILE REFERENCE: PF457  
CURRENT APPLICATION NUMBER: US/09/280,839  
CURRENT FILING DATE: 1999-03-30  
EARLIER APPLICATION NUMBER: 60/080,311  
EARLIER FILING DATE: 1998-04-01  
EARLIER APPLICATION NUMBER: 60/080,898  
EARLIER FILING DATE: 1998-04-07  
NUMBER OF SEQ ID NOS: 15  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 11  
LENGTH: 12  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-280-839-11

Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGACTTCCC 1355  
Db 1 GGAGACTTCCC 12

RESULT 387  
US-09-724-695-1  
Sequence 1, Application US/09724695  
Patent No. 6369097  
GENERAL INFORMATION:  
APPLICANT: Chojkier, Mario  
TITLE OF INVENTION: TREATMENT AND PREVENTION OF HEPATIC DISORDERS  
FILE REFERENCE: UCSD-03831  
CURRENT APPLICATION NUMBER: US/09/724,695  
CURRENT FILING DATE: 2000-11-28  
PRIOR APPLICATION NUMBER: 09/400,322  
PRIOR FILING DATE: 1999-09-21  
PRIOR APPLICATION NUMBER: 09/274,624

PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 09/274,625  
PRIOR FILING DATE: 1999-03-23  
NUMBER OF SEQ ID NOS: 4  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 1  
LENGTH: 12  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-724-695-1

Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGACTTCCC 1355  
Db 1 GGAGACTTCCC 12

RESULT 388  
US-09-479-729B-28  
Sequence 28, Application US/09479729B  
Patent No. 6391589  
GENERAL INFORMATION:  
APPLICANT: Olsen, et al  
TITLE OF INVENTION: Human Chemokine Beta-10 Mutant Polypeptides  
FILE REFERENCE: PF504  
CURRENT APPLICATION NUMBER: US/09/479,729B  
CURRENT FILING DATE: 2000-01-07  
PRIOR APPLICATION NUMBER: PCT/US94/09484  
PRIOR FILING DATE: 1994-08-23  
PRIOR APPLICATION NUMBER: 08/458,355  
PRIOR FILING DATE: 1995-06-02  
PRIOR APPLICATION NUMBER: 08/462,967  
PRIOR FILING DATE: 1995-06-05  
PRIOR APPLICATION NUMBER: 60/115,439  
PRIOR FILING DATE: 1999-01-08  
NUMBER OF SEQ ID NOS: 30  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 28  
LENGTH: 12  
TYPE: DNA  
ORGANISM: oligonucleotide  
FEATURE:  
NAME/KEY: primer bind  
LOCATION: (1)..(12)  
OTHER INFORMATION: NF-KB binding site.  
US-09-479-729B-28

Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGACTTCCC 1355  
Db 1 GGAGACTTCCC 12

RESULT 389  
US-09-257-179-8  
Sequence 8, Application US/09257179  
Patent No. 6410709  
GENERAL INFORMATION:  
APPLICANT: Ruben et al.  
TITLE OF INVENTION: 29 Human Secreted Proteins  
FILE REFERENCE: PZ015P1  
CURRENT APPLICATION NUMBER: US/09/257,179  
CURRENT FILING DATE: 1999-02-25  
EARLIER APPLICATION NUMBER: PCT/US98/17709  
EARLIER FILING DATE: 1998-08-27

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; EARLIER APPLICATION NUMBER: 60/056,270
; EARLIER FILING DATE: 1997-08-29
; EARLIER APPLICATION NUMBER: 60/056,271
; EARLIER FILING DATE: 1997-08-29
; EARLIER APPLICATION NUMBER: 60/056,247
; EARLIER FILING DATE: 1997-08-29
; EARLIER APPLICATION NUMBER: 60/056,073
; EARLIER FILING DATE: 1997-08-29
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-257-179-8

Query Match      4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred.No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1344 GGAGACTTCCC 1355
Db      1 GGAGACTTCCC 12

RESULT 390
US-09-724-600-1
; Sequence 1, Application US/09724600
; Patent No. 6420428
; GENERAL INFORMATION:
; APPLICANT: Chokier, Mario
; TITLE OF INVENTION: TREATMENT AND PREVENTION OF HEPATIC DISORDERS
; FILE REFERENCE: USD-03831
; CURRENT APPLICATION NUMBER: US/09/724,600
; CURRENT FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: 09/400,322
; PRIOR FILING DATE: 1999-09-21
; PRIOR APPLICATION NUMBER: 08/723,052
; PRIOR FILING DATE: 1996-09-30
; PRIOR APPLICATION NUMBER: 09/274,624
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/274,625
; PRIOR FILING DATE: 1999-03-23
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-724-600-1

Query Match      4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred.No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1344 GGAGACTTCCC 1355
Db      1 GGAGACTTCCC 12

RESULT 391
US-09-149-476-8
; Sequence 8, Application US/09149476
; Patent No. 6420526
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 186 Human Secreted proteins
; FILE REFERENCE: PZ002P1
; CURRENT APPLICATION NUMBER: US/09/149,476
; CURRENT FILING DATE: 1998-09-08
; EARLIER APPLICATION NUMBER: PCT/US98/04493

; EARLIER FILING DATE: 1998-03-06
; EARLIER APPLICATION NUMBER: 60/040,162
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,333
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/038,621
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,626
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,334
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,336
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,163
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/047,600
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,615
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,597
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,502
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,633
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,583
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,617
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,618
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,503
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,592
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,581
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,584
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,500
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,587
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,492
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,598
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,613
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,582
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,596
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,612
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,632
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,601
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/043,580
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,568
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,314
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,569
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,311
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,671
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,674
; EARLIER FILING DATE: 1997-04-11
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EARLIER APPLICATION NUMBER: 60/043,669  
EARLIER FILING DATE: 1997-04-11  
EARLIER APPLICATION NUMBER: 60/043,312  
EARLIER FILING DATE: 1997-04-11  
EARLIER APPLICATION NUMBER: 60/043,313  
EARLIER FILING DATE: 1997-04-11  
EARLIER APPLICATION NUMBER: 60/043,672  
EARLIER FILING DATE: 1997-04-11  
EARLIER APPLICATION NUMBER: 60/043,315  
EARLIER FILING DATE: 1997-04-11  
EARLIER APPLICATION NUMBER: 60/048,974  
EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 60/056,886  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,877  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,889  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,893  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,630  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,878  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,882  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,637  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,903  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,888  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,879  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,880  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,894  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,911  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,636  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,874  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,910  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,864  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,631  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,845  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,892  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/057,761  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/047,595  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,599  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,586  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,588  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,585  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,586  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,590  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,594

EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,589  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,593  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,614  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/043,578  
EARLIER FILING DATE: 1997-04-11  
EARLIER APPLICATION NUMBER: 60/043,576  
EARLIER FILING DATE: 1997-04-11  
EARLIER APPLICATION NUMBER: 60/047,501  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/043,670  
EARLIER FILING DATE: 1997-04-11  
EARLIER APPLICATION NUMBER: 60/056,632  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,664  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,876  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,881  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,909  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,875  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,862  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,887  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,908  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/048,964  
EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 60/057,650  
EARLIER FILING DATE: 1997-09-05  
EARLIER APPLICATION NUMBER: 60/056,884  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/057,669  
EARLIER FILING DATE: 1997-09-05  
EARLIER APPLICATION NUMBER: 60/049,610  
EARLIER FILING DATE: 1997-06-13  
EARLIER APPLICATION NUMBER: 60/061,060  
EARLIER FILING DATE: 1997-10-02

Query Match 4.1%, Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGACTTCCC 1355  
DB 1 GGGGACTTCCC 12

RESULT 192  
US-09-288-143-8  
Sequence 8, Application US/09288143  
Patent No. 6433139  
GENERAL INFORMATION:  
APPLICANT: Brewer et al.  
TITLE OF INVENTION: 53 Human Secreted Proteins  
FILE REFERENCE: P2018P1  
CURRENT APPLICATION NUMBER: US/09/288,143  
CURRENT FILING DATE: 1999-04-08  
EARLIER APPLICATION NUMBER: PCT/US98/21142  
EARLIER FILING DATE: 1998-10-08  
EARLIER APPLICATION NUMBER: 60/061,463  
EARLIER FILING DATE: 1997-10-09  
EARLIER APPLICATION NUMBER: 60/061,529  
EARLIER FILING DATE: 1997-10-09  
EARLIER APPLICATION NUMBER: 60/071,498  
EARLIER FILING DATE: 1997-10-09

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; EARLIER APPLICATION NUMBER: 60/061,527
; EARLIER FILING DATE: 1997-10-09
; EARLIER APPLICATION NUMBER: 60/061,536
; EARLIER FILING DATE: 1997-10-09
; EARLIER APPLICATION NUMBER: 60/061,532
; EARLIER FILING DATE: 1997-10-09
; NUMBER OF SEQ ID NOS: 219
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 8
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-288-143-8

Query Match          4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      1344 GGAGACTTTCCC 1355
Db      1 GGGGACTTTCCC 12

RESULT 393
US-09-487-792-30
; Sequence 30, Application US/09487792
; Patent No. 6433145
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences, Inc.
; TITLE OF INVENTION: Keratinocyte Derived Interferon
; FILE REFERENCE: PF482P1
; CURRENT APPLICATION NUMBER: US/09/487,792
; CURRENT FILING DATE: 2000-01-20
; EARLIER APPLICATION NUMBER: 60/093,643
; EARLIER FILING DATE: 1998-07-21
; EARLIER APPLICATION NUMBER: PCT/US99/16424
; EARLIER FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 30
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-487-792-30

Query Match          4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      1344 GGAGACTTTCCC 1355
Db      1 GGGGACTTTCCC 12

RESULT 394
US-09-152-060-8
; Sequence 8, Application US/09152060
; Patent No. 6448230
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 28 Human Secreted Proteins
; FILE REFERENCE: P2003P1.US
; CURRENT APPLICATION NUMBER: US/09/152,060
; CURRENT FILING DATE: 1998-09-11
; EARLIER APPLICATION NUMBER: PCT/US98/04858
; EARLIER FILING DATE: 1998-03-12
; EARLIER APPLICATION NUMBER: 60/040,762
; EARLIER FILING DATE: 1997-03-14
; EARLIER APPLICATION NUMBER: 60/040,710
; EARLIER FILING DATE: 1997-03-14
; EARLIER APPLICATION NUMBER: 60/050,934
; EARLIER FILING DATE: 1997-05-30
; EARLIER APPLICATION NUMBER: 60/048,100
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; EARLIER FILING DATE: 1997-05-30
; EARLIER APPLICATION NUMBER: 60/048,357
; EARLIER FILING DATE: 1997-05-30
; EARLIER APPLICATION NUMBER: 60/048,189
; EARLIER FILING DATE: 1997-05-30
; EARLIER APPLICATION NUMBER: 60/057,765
; EARLIER FILING DATE: 1997-09-05
; EARLIER APPLICATION NUMBER: 60/048,970
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/068,368
; EARLIER FILING DATE: 1997-12-19
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 8
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-152-060-8

Query Match          4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      1344 GGAGACTTTCCC 1355
Db      1 GGGGACTTTCCC 12

RESULT 395
US-09-908-594-30
; Sequence 30, Application US/09908594
; Patent No. 6472512
; GENERAL INFORMATION:
; APPLICANT: Lafleur, et al.
; TITLE OF INVENTION: Keratinocyte Derived Interferon
; FILE REFERENCE: PF482P2
; CURRENT APPLICATION NUMBER: US/09/908,594
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: 60/292,934
; PRIOR FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: 60/219,621
; PRIOR FILING DATE: 2000-07-21
; PRIOR APPLICATION NUMBER: 09/487,792
; PRIOR FILING DATE: 2000-01-20
; PRIOR APPLICATION NUMBER: US00/01239
; PRIOR FILING DATE: 2000-01-20
; PRIOR APPLICATION NUMBER: 09/358,587
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: US99/16424
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 60/093,643
; PRIOR FILING DATE: 1998-07-21
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 30
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-908-594-30

Query Match          4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      1344 GGAGACTTTCCC 1355
Db      1 GGGGACTTTCCC 12

RESULT 396
US-09-461-325-8
; Sequence 8, Application US/09461325A
; Patent No. 6475753
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1 GENERAL INFORMATION:  
1 APPLICANT: Ruben et al.  
1 TITLE OF INVENTION: 94 Human Secreted Proteins  
1 FILE REFERENCE: P2029p1  
1 CURRENT APPLICATION NUMBER: US/09/461,325A  
1 CURRENT FILING DATE: 1999-12-14  
1 EARLIER APPLICATION NUMBER: PCT/US99/13418  
1 EARLIER FILING DATE: 1999-06-15  
1 EARLIER APPLICATION NUMBER: 60/089,507  
1 EARLIER FILING DATE: 1998-06-16  
1 EARLIER APPLICATION NUMBER: 60/089,508  
1 EARLIER FILING DATE: 1998-06-16  
1 EARLIER APPLICATION NUMBER: 60/089,509  
1 EARLIER FILING DATE: 1998-06-16  
1 EARLIER APPLICATION NUMBER: 60/089,510  
1 EARLIER FILING DATE: 1998-06-16  
1 EARLIER APPLICATION NUMBER: 60/090,112  
1 EARLIER FILING DATE: 1998-06-22  
1 EARLIER APPLICATION NUMBER: 60/090,113  
1 EARLIER FILING DATE: 1998-06-22  
1 NUMBER OF SEQ ID NOS: 532  
1 SOFTWARE: PatentIn Ver. 2.0  
1 SEQ ID NO 8  
1 LENGTH: 12  
1 TYPE: DNA  
1 ORGANISM: Homo sapiens  
US-09-461-325-8

Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1344 GGAGACTTCCC 1355  
Db 1 GGAGACTTCCC 12

RESULT 397  
US-09-489-847-8  
1 Sequence 8, Application US/09489847  
1 Patent No. 6476195  
1 GENERAL INFORMATION:  
1 APPLICANT: Rosen et al  
1 TITLE OF INVENTION: 98 Human Secreted Proteins  
1 FILE REFERENCE: P2031p1  
1 CURRENT APPLICATION NUMBER: US/09/489,847  
1 CURRENT FILING DATE: 2000-01-24  
1 EARLIER APPLICATION NUMBER: PCT/US99/17130  
1 EARLIER FILING DATE: 1999-07-29  
1 EARLIER APPLICATION NUMBER: 60/094,657  
1 EARLIER FILING DATE: 1998-07-30  
1 EARLIER APPLICATION NUMBER: 60/095,486  
1 EARLIER FILING DATE: 1998-08-05  
1 EARLIER APPLICATION NUMBER: 60/096,319  
1 EARLIER FILING DATE: 1998-08-12  
1 EARLIER APPLICATION NUMBER: 60/095,454  
1 EARLIER FILING DATE: 1998-08-06  
1 EARLIER APPLICATION NUMBER: 60/095,455  
1 EARLIER FILING DATE: 1998-08-06  
1 NUMBER OF SEQ ID NOS: 376  
1 SOFTWARE: PatentIn Ver. 2.0  
1 SEQ ID NO 8  
1 LENGTH: 12  
1 TYPE: DNA  
1 ORGANISM: Homo sapiens  
US-09-489-847-8

Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 1344 GGAGACTTCCC 1355  
Db 1 GGAGACTTCCC 12

Db 1 GGAGACTTCCC 12  
RESULT 398  
US-09-231-788-23  
1 Sequence 23, Application US/09231788A  
1 Patent No. 6486301  
1 GENERAL INFORMATION:  
1 APPLICANT: Ebner, Reinhard  
1 TITLE OF INVENTION: Interleukin-20  
1 FILE REFERENCE: PF399p1  
1 CURRENT APPLICATION NUMBER: US/09/231,788A  
1 CURRENT FILING DATE: 1999-01-15  
1 EARLIER APPLICATION NUMBER: 60/052,870  
1 EARLIER FILING DATE: 1997-07-16  
1 EARLIER APPLICATION NUMBER: 60/055,952  
1 EARLIER FILING DATE: 1997-08-18  
1 EARLIER APPLICATION NUMBER: 60/060,140  
1 EARLIER FILING DATE: 1997-09-26  
1 EARLIER APPLICATION NUMBER: 09/115,832  
1 EARLIER FILING DATE: 1998-07-15  
1 NUMBER OF SEQ ID NOS: 29  
1 SOFTWARE: PatentIn Ver. 2.0  
1 SEQ ID NO 23  
1 LENGTH: 12  
1 TYPE: DNA  
1 ORGANISM: Homo sapiens  
US-09-231-788-23

Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1344 GGAGACTTCCC 1355  
Db 1 GGAGACTTCCC 12

RESULT 399  
US-09-512-363-24  
1 Sequence 24, Application US/09512363  
1 Patent No. 6503184  
1 GENERAL INFORMATION:  
1 APPLICANT: Ruben, Steven M.  
1 TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor-Like Proteins  
1 FILE REFERENCE: PF396  
1 CURRENT APPLICATION NUMBER: US/09/512,363  
1 CURRENT FILING DATE: 2000-02-23  
1 EARLIER APPLICATION NUMBER: 60/063,212  
1 EARLIER FILING DATE: 1997-10-21  
1 EARLIER APPLICATION NUMBER: 09/176,200  
1 EARLIER FILING DATE: 1998-10-21  
1 EARLIER APPLICATION NUMBER: 60/121,648  
1 EARLIER FILING DATE: 1999-02-24  
1 EARLIER APPLICATION NUMBER: 60/134,172  
1 EARLIER FILING DATE: 1999-05-13  
1 EARLIER APPLICATION NUMBER: 60/144,076  
1 EARLIER FILING DATE: 1999-07-16  
1 NUMBER OF SEQ ID NOS: 28  
1 SOFTWARE: PatentIn Ver. 2.0  
1 SEQ ID NO 24  
1 LENGTH: 12  
1 TYPE: DNA  
1 ORGANISM: Homo sapiens  
US-09-512-363-24

Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 1344 GGAGACTTCCC 1355  
Db 1 GGAGACTTCCC 12

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Db          1 GGGGACTTTCCC 12

RESULT 400
US-09-176-200-24
; Sequence 24, Application US/09176200
; Patent No. 6509173
; GENERAL INFORMATION:
; APPLICANT: NI, Jlian
; APPLICANT: Ruben, Steven M.
; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor-like Proteins
; FILE REFERENCE: P396
; CURRENT APPLICATION NUMBER: US/09/176,200
; CURRENT FILING DATE: 1998-10-21
; EARLIER APPLICATION NUMBER: 60/063,212
; EARLIER FILING DATE: 1997-10-21
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 24
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-176-200-24

Query Match      4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY          1344 GGGGACTTTCCC 1355
Db          1 GGGGACTTTCCC 12

RESULT 401
US-09-205-258-8
; Sequence 8, Application US/09205258
; Patent No. 6525174
; GENERAL INFORMATION:
; APPLICANT: Young et al.
; TITLE OF INVENTION: 207 Human Secreted Proteins
; FILE REFERENCE: P2007P1
; CURRENT APPLICATION NUMBER: US/09/205,258
; CURRENT FILING DATE: 1998-12-04
; EARLIER APPLICATION NUMBER: PCT/US98/11422
; EARLIER FILING DATE: 1998-06-04
; EARLIER APPLICATION NUMBER: 60/048,885
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/049,375
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,881
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,880
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,896
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/049,020
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,876
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,895
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,884
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,894
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,971
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,964
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,882
; EARLIER FILING DATE: 1997-06-06

; EARLIER APPLICATION NUMBER: 60/048,899
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,893
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,900
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,901
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,892
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,915
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/049,019
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,970
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,972
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,916
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/049,373
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,875
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/049,374
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,917
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,949
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,974
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,883
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,897
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,898
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,962
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,963
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,877
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,878
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/070,923
; EARLIER FILING DATE: 1997-12-18
; EARLIER APPLICATION NUMBER: 60/092,921
; EARLIER FILING DATE: 1998-07-15
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; NUMBER OF SEQ ID NOS: 1227
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-205-258-8

Query Match      4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY          1344 GGGGACTTTCCC 1355
Db          1 GGGGACTTTCCC 12

RESULT 402
US-08-301-037-4
; Sequence 4, Application US/08301037
; Patent No. 6528313
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GENERAL INFORMATION:  
APPLICANT: Le Mouellig, Herve  
Brulec, Philippe  
TITLE OF INVENTION: Procedure for Specific Replacement of a Copy of a  
Gene Present in the Recipient Genome by the Integration of  
That Where the Integration is Made  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
Dunner  
STREET: 1300 I Street, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20005-3315  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/301,037  
FILING DATE: 06-SEP-1994  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/301,037  
FILING DATE: 06-SEP-1994  
APPLICATION NUMBER: US 07/867,744  
FILING DATE: 13-APR-1992  
APPLICATION NUMBER: US 07/598,679  
FILING DATE: 19-DEC-1990  
APPLICATION NUMBER: WO PCT/FR90/00185  
FILING DATE: 19-MAR-1990  
APPLICATION NUMBER: FR 8903630  
FILING DATE: 20-MAR-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Poter, Jane E.  
REGISTRATION NUMBER: 33,332  
REFERENCE/DOCKET NUMBER: 02356-0053-06000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-408-4000  
TELEFAX: 202-408-4400  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 12 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
US-08-301-037-4  
Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. NO. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1229 CCAGCATGTGCT 1240  
|||||  
Db 1 CCAGCATGAGCT 12  
RESULT 403  
US-08-466-539-4  
Sequence 4, Application US/08466539  
GENERAL INFORMATION:  
APPLICANT: Le Mouellig, Herve  
Brulec, Philippe  
TITLE OF INVENTION: Procedure for Specific Replacement  
of a Copy of a Gene Present in the Recipient Genome by the  
Integration of a Gene Different From That Where the Integratio  
n is Made  
NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
Dunner  
STREET: 1300 I Street, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20005-3315  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/466,539  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/301,037  
FILING DATE: 06-SEP-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/867,744  
FILING DATE: 13-APR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/598,679  
FILING DATE: 19-DEC-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/FR90/00185  
FILING DATE: 19-MAR-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR 8903630  
FILING DATE: 20-MAR-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Poter, Jane E.  
REGISTRATION NUMBER: 33,332  
REFERENCE/DOCKET NUMBER: 02356-0053-05000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-408-4000  
TELEFAX: 202-408-4400  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 12 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-466-539-4  
Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. NO. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1229 CCAGCATGTGCT 1240  
|||||  
Db 1 CCAGCATGAGCT 12  
RESULT 404  
US-09-690-454-8  
Sequence 8, Application US/09690454  
GENERAL INFORMATION:  
APPLICANT: Steven M. Ruben, et al.  
TITLE OF INVENTION: 32 Human Secreted Proteins  
FILE REFERENCE: P2006P1  
CURRENT APPLICATION NUMBER: US/09/690,454  
PRIOR FILING DATE: 2000-10-18  
PRIOR APPLICATION NUMBER: 09/189,144  
PRIOR FILING DATE: 1998-11-10  
PRIOR APPLICATION NUMBER: 60/044,039  
PRIOR FILING DATE: May 30, 1997  
PRIOR APPLICATION NUMBER: 60/048,093

; PRIOR FILING DATE: May 30, 1997  
; PRIOR APPLICATION NUMBER: 60/048,190  
; PRIOR FILING DATE: May 30, 1997  
; PRIOR APPLICATION NUMBER: 60/050,935  
; PRIOR FILING DATE: May 30, 1997  
; PRIOR APPLICATION NUMBER: 60/048,101  
; PRIOR FILING DATE: May 30, 1997  
; PRIOR APPLICATION NUMBER: 60/048,356  
; PRIOR FILING DATE: May 30, 1997  
; PRIOR APPLICATION NUMBER: 60/056,250  
; PRIOR FILING DATE: August 29, 1997  
; PRIOR APPLICATION NUMBER: 60/056,296  
; PRIOR FILING DATE: August 29, 1997  
; PRIOR APPLICATION NUMBER: 60/056,293  
; PRIOR FILING DATE: August 29, 1997  
; NUMBER OF SEQ ID NOS: 229  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 8  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-690-454-8

Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGCTTTCCC 1355  
DB 1 GGGGACTTTCCC 12

RESULT 405  
US-09-482-271-16  
; Sequence 16, Application US/09482271  
; Patent No. 6534485  
; GENERAL INFORMATION:  
; APPLICANT: Duan, Roxanne  
; APPLICANT: Ruben M., Steven  
; TITLE OF INVENTION: Bone Marrow-Specific Protein  
; FILE REFERENCE: P495  
; CURRENT APPLICATION NUMBER: US/09/482,271  
; CURRENT FILING DATE: 2000-01-13  
; EARLIER APPLICATION NUMBER: 60/116,236  
; EARLIER FILING DATE: 1999-01-15  
; NUMBER OF SEQ ID NOS: 23  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 16  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-482-271-16

Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGCTTTCCC 1355  
DB 1 GGGGACTTTCCC 12

RESULT 406  
US-09-482-273-8  
; Sequence 8, Application US/09482273  
; Patent No. 6534631  
; GENERAL INFORMATION:  
; APPLICANT: Rosen et al.  
; TITLE OF INVENTION: 71 Human Secreted Proteins  
; FILE REFERENCE: P2030P1  
; CURRENT APPLICATION NUMBER: US/09/482,273  
; CURRENT FILING DATE: 2000-01-13  
; EARLIER APPLICATION NUMBER: PCT/US99/15849

; EARLIER FILING DATE: 1999-07-14  
; EARLIER APPLICATION NUMBER: 60/092,921  
; EARLIER FILING DATE: 1998-07-15  
; EARLIER APPLICATION NUMBER: 60/092,922  
; EARLIER FILING DATE: 1998-07-15  
; EARLIER APPLICATION NUMBER: 60/092,956  
; EARLIER FILING DATE: 1998-07-15  
; NUMBER OF SEQ ID NOS: 267  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 8  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-482-273-8

Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGCTTTCCC 1355  
DB 1 GGGGACTTTCCC 12

RESULT 407  
US-09-904-615-8  
; Sequence 8, Application US/09904615  
; Patent No. 6566325  
; GENERAL INFORMATION:  
; APPLICANT: Rosen et al.  
; TITLE OF INVENTION: 49 Human Secreted Proteins  
; FILE REFERENCE: P2032P1  
; CURRENT APPLICATION NUMBER: US/09/904,615  
; CURRENT FILING DATE: 2001-07-16  
; PRIOR APPLICATION NUMBER: 09/511,554  
; PRIOR FILING DATE: 2000-02-23  
; PRIOR APPLICATION NUMBER: 60/097,917  
; PRIOR FILING DATE: 1998-08-25  
; PRIOR APPLICATION NUMBER: 60/098,634  
; PRIOR FILING DATE: 1998-08-31  
; NUMBER OF SEQ ID NOS: 170  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 8  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-904-615-8

Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGCTTTCCC 1355  
DB 1 GGGGACTTTCCC 12

RESULT 408  
US-09-369-247-8  
; Sequence 8, Application US/09369247  
; Patent No. 6569992  
; GENERAL INFORMATION:  
; APPLICANT: Rosen et al.  
; TITLE OF INVENTION: 44 Human Secreted Proteins  
; FILE REFERENCE: P2024P1  
; CURRENT APPLICATION NUMBER: US/09/369,247  
; CURRENT FILING DATE: 1999-08-05  
; EARLIER APPLICATION NUMBER: 60/074,118  
; EARLIER FILING DATE: 1998-02-09  
; EARLIER APPLICATION NUMBER: 60/074,157  
; EARLIER FILING DATE: 1998-02-09  
; EARLIER APPLICATION NUMBER: 60/074,137  
; EARLIER FILING DATE: 1998-02-09



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; EARLIER APPLICATION NUMBER: 60/074,341
; EARLIER FILING DATE: 1998-02-09
; EARLIER APPLICATION NUMBER: 60/074,141
; EARLIER FILING DATE: 1998-02-09
; NUMBER OF SEQ ID NOS: 172
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 8
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-369-247-8

Query Match          4.1%  Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%  Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1344 GGAGACTTCCC 1355
Db      1 GGGGACTTCCC 12

RESULT 409
US-09-148-545-8
; Sequence 8, Application US/09148545
; Patent No. 6590075
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 70 Human Secreted Proteins
; FILE REFERENCE: P2001P1
; CURRENT APPLICATION NUMBER: US/09/148,545
; EARLIER FILING DATE: 1998-09-04
; EARLIER APPLICATION NUMBER: PCT/US98/04482
; EARLIER FILING DATE: 1998-03-06
; EARLIER APPLICATION NUMBER: 60/040,162
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,333
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/038,621
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,161
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,626
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,334
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,336
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,163
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/047,615
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,600
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,597
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,502
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,633
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,583
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,617
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,618
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,503
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,592
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,581
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,584
; EARLIER FILING DATE: 1997-05-23
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; EARLIER APPLICATION NUMBER: 60/047,500
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,587
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,492
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,598
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,613
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,582
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,596
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,612
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,632
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,601
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/043,580
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,568
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,314
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,569
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,311
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,671
; EARLIER FILING DATE: 1997-04-11
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; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,312
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; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,672
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,315
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/048,974
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/056,886
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,877
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,889
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,893
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,630
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,878
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,662
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,872
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,882
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,637
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,903
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,888
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,879
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,880
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EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,894  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,911  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,636  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,874  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,910  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,864  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,631  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,845  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,892  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/047,595  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/057,761  
EARLIER FILING DATE: 05-Sep-1997  
EARLIER APPLICATION NUMBER: 60/047,599  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,588  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,585  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,586  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,590  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,594  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,589  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,593  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,614  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/043,578  
EARLIER FILING DATE: 1997-04-11  
EARLIER APPLICATION NUMBER: 60/043,576  
EARLIER FILING DATE: 1997-04-11  
EARLIER APPLICATION NUMBER: 60/047,501  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/043,670  
EARLIER FILING DATE: 1997-04-11  
EARLIER APPLICATION NUMBER: 60/056,632  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,664  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,876  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,881  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,909  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,875  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,862  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,887  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,908  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/048,964  
EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 60/057,650  
EARLIER FILING DATE: 1997-09-05  
EARLIER APPLICATION NUMBER: 60/056,884  
EARLIER FILING DATE: 1997-08-22

NUMBER OF SEQ ID NOS: 280  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 8  
LENGTH: 12

Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1344 GGAGACTTCCC 1355  
Db 1 GGAGACTTCCC 12

RESULT 410  
US-09-564-829-31  
Sequence 31, Application US/09564829  
Patent No. 6593112

GENERAL INFORMATION:  
APPLICANT: Alderson, Ralph et al.

TITLE OF INVENTION: Fibroblast Growth Factor 15  
FILE REFERENCE: PF203PI

CURRENT APPLICATION NUMBER: US/09/564,829

CURRENT FILING DATE: 2000-05-04

PRIOR APPLICATION NUMBER: 60/132,924

PRIOR FILING DATE: 1999-05-06

PRIOR APPLICATION NUMBER: 09/425,021

PRIOR FILING DATE: 1999-10-25

PRIOR APPLICATION NUMBER: 09/103,079

PRIOR FILING DATE: 1998-06-23

PRIOR APPLICATION NUMBER: 08/462,169

PRIOR FILING DATE: 1995-06-05

NUMBER OF SEQ ID NOS: 33

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 31

LENGTH: 12

TYPE: DNA

ORGANISM: Homo sapiens

US-09-564-829-31

Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1344 GGAGACTTCCC 1355  
Db 1 GGAGACTTCCC 12

RESULT 411  
US-09-572-406B-26  
Sequence 26, Application US/09572406B  
Patent No. 6605441

GENERAL INFORMATION:  
APPLICANT: Alderson, Ralph et al.

TITLE OF INVENTION: Fibroblast Growth Factor 11  
FILE REFERENCE: PF184PI

CURRENT APPLICATION NUMBER: US/09/572,406B

CURRENT FILING DATE: 2000-05-16

PRIOR APPLICATION NUMBER: 60/135,524

PRIOR FILING DATE: 1999-05-21

PRIOR APPLICATION NUMBER: 09/514,587

PRIOR FILING DATE: 2000-02-28

PRIOR APPLICATION NUMBER: 09/093,585

PRIOR FILING DATE: 1998-06-08

PRIOR APPLICATION NUMBER: 08/464,590

PRIOR FILING DATE: 1995-06-05

NUMBER OF SEQ ID NOS: 28

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 26

LENGTH: 12

TYPE: DNA

ORGANISM: Homo sapiens

US-09-572-4068-26

Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1344 GGAGACTTTCCC 1355  
Db 1 GGAGACTTTCCC 12

RESULT 412

US-09-800-729-8  
; Sequence 8, Application US/09800729  
; Patent No. 6605592  
; GENERAL INFORMATION:  
; APPLICANT: Ni et al.  
; TITLE OF INVENTION: 32 Human secreted proteins  
; FILE REFERENCE: P2044P1  
; CURRENT APPLICATION NUMBER: US/09/800,729  
; PRIOR FILING DATE: 2001-03-08  
; PRIOR APPLICATION NUMBER: PCT/US00/26013  
; PRIOR FILING DATE: 2000-09-22  
; PRIOR APPLICATION NUMBER: 60/155,709  
; PRIOR FILING DATE: 1999-09-24  
; NUMBER OF SEQ ID NOS: 217  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 8  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-800-729-8

Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1344 GGAGACTTTCCC 1355  
Db 1 GGAGACTTTCCC 12

RESULT 413

US-09-557-170A-19  
; Sequence 19, Application US/09557170A  
; Patent No. 6605699  
; GENERAL INFORMATION:  
; APPLICANT: Ni et al.  
; TITLE OF INVENTION: Galectin 11  
; FILE REFERENCE: PP354P2  
; CURRENT APPLICATION NUMBER: US/09/557,170A  
; PRIOR FILING DATE: 2000-04-21  
; PRIOR APPLICATION NUMBER: 09/109,864  
; PRIOR FILING DATE: 1998-06-06  
; PRIOR APPLICATION NUMBER: 09/010,146  
; PRIOR FILING DATE: 1998-01-21  
; PRIOR APPLICATION NUMBER: 60/034,205  
; PRIOR FILING DATE: 1997-01-21  
; PRIOR APPLICATION NUMBER: 60/034,204  
; PRIOR FILING DATE: 1997-01-21  
; PRIOR APPLICATION NUMBER: 60/169,932  
; PRIOR FILING DATE: 1998-12-10  
; PRIOR APPLICATION NUMBER: 60/130,390  
; PRIOR FILING DATE: 1999-04-21  
; NUMBER OF SEQ ID NOS: 27  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 19  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-557-170A-19

Query Match 4.1%; Score 10.4; DB 1; Length 12;

Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1344 GGAGACTTTCCC 1355  
Db 1 GGAGACTTTCCC 12

RESULT 414

US-09-369-248A-11  
; Sequence 11, Application US/09369248A  
; Patent No. 6620912  
; GENERAL INFORMATION:  
; APPLICANT: Young, Paul  
; APPLICANT: Ruben, Steven M.  
; TITLE OF INVENTION: Dendritic Enriched Secreted Lymphocyte Activation  
; FILE REFERENCE: PF448P1  
; CURRENT APPLICATION NUMBER: US/09/369,248A  
; PRIOR FILING DATE: 1999-08-05  
; PRIOR APPLICATION NUMBER: 60/073,962  
; PRIOR FILING DATE: 1998-02-06  
; PRIOR APPLICATION NUMBER: 60/078,572  
; PRIOR FILING DATE: 1998-03-19  
; NUMBER OF SEQ ID NOS: 13  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 11  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-369-248A-11

Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1344 GGAGACTTTCCC 1355  
Db 1 GGAGACTTTCCC 12

RESULT 415

US-10-012-542-8  
; Sequence 8, Application US/10012542  
; Patent No. 6627741  
; GENERAL INFORMATION:  
; APPLICANT: Ruben et al.  
; TITLE OF INVENTION: 94 Human Secreted Proteins  
; FILE REFERENCE: P2029P1  
; CURRENT APPLICATION NUMBER: US/10/012,542  
; CURRENT FILING DATE: 2001-12-12  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/461,325  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-12-14  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/089,507  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-16  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/089,508  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-16  
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; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-16  
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; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-22  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/090,113  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-22  
; NUMBER OF SEQ ID NOS: 532  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 8  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-012-542-8

Query Match 4.1%; Score 10.4; DB 1; Length 12;

Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1344 GGAGACTTTCCC 1355  
|||  
1 GGGGACTTTCCC 12

RESULT 416  
US-09-716-129-8  
Sequence 8, Application US/09716129  
Patent No. 6632920  
GENERAL INFORMATION:  
APPLICANT: Rosen et al.  
TITLE OF INVENTION: 36 Human Secreted Proteins  
FILE REFERENCE: P2025P1  
CURRENT APPLICATION NUMBER: US/09/716,129  
PRIOR FILING DATE: 2000-11-17  
PRIOR APPLICATION NUMBER: 60/076,053  
PRIOR FILING DATE: 1998-02-26  
PRIOR APPLICATION NUMBER: 60/076,057  
PRIOR FILING DATE: 1998-02-26  
PRIOR APPLICATION NUMBER: 60/076,052  
PRIOR FILING DATE: 1998-02-26  
PRIOR APPLICATION NUMBER: 60/076,054  
PRIOR FILING DATE: 1998-02-26  
PRIOR APPLICATION NUMBER: 60/076,051  
PRIOR FILING DATE: 1998-02-26  
NUMBER OF SEQ ID NOS: 186  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 8  
LENGTH: 12  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-716-129-8

Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1344 GGAGACTTTCCC 1355  
|||  
1 GGGGACTTTCCC 12

RESULT 417  
US-08-466-699-4  
Sequence 4, Application US/08466699  
Patent No. 6638768  
GENERAL INFORMATION:  
APPLICANT: Le Mouellic, Hervé  
APPLICANT: Brulet, Philippe  
TITLE OF INVENTION: Procedure for Specific Replacement of a Copy  
TITLE OF INVENTION: of a Gene Present in the Recipient Genome by the Integration of  
TITLE OF INVENTION: Different From That Where the Integration is Made  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
ADDRESS: Dunner  
STREET: 1300 I Street, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20005-3315  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/466,699  
FILING DATE: 06-JUN-1995

CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/301,037  
FILING DATE: 06-SEP-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/867,744  
FILING DATE: 13-APR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/598,679  
FILING DATE: 19-DEC-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/FR90/00185  
FILING DATE: 19-MAR-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR 8903630  
FILING DATE: 20-MAR-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Potter, Jane E.  
REGISTRATION NUMBER: 33,332  
REFERENCE/DOCKET NUMBER: 02356-0053-06000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-408-4000  
TELEFAX: 202-408-4400  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 12 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-466-699-4

Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1229 CCAGCATGTGCT 1240  
|||  
1 CCAGCATGAGCT 12

RESULT 418  
US-10-153-064-30  
Sequence 30, Application US/10153064  
Patent No. 6663485  
GENERAL INFORMATION:  
APPLICANT: Bell et al.  
TITLE OF INVENTION: Chemokine Beta-1 Fusion Proteins  
FILE REFERENCE: PPS56  
CURRENT APPLICATION NUMBER: US/10/153,064  
PRIOR FILING DATE: 2002-05-24  
PRIOR APPLICATION NUMBER: 60/293,212  
PRIOR FILING DATE: 2001-05-25  
NUMBER OF SEQ ID NOS: 137  
SOFTWARE: Patentin Version 3.1  
SEQ ID NO 30  
LENGTH: 12  
TYPE: DNA  
ORGANISM: Homo Sapiens  
US-10-153-064-30

Query Match 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1344 GGAGACTTTCCC 1355  
|||  
1 GGGGACTTTCCC 12

RESULT 419  
US-09-915-593-24

Sequence 24, Application US/09915593  
Patent No. 6689607  
GENERAL INFORMATION:  
APPLICANT: Ni, Jian  
TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor-Like Proteins  
FILE REFERENCE: PF936P2  
CURRENT APPLICATION NUMBER: US/09/915,593  
CURRENT FILING DATE: 2001-07-27  
PRIOR APPLICATION NUMBER: 60/121,577  
PRIOR FILING DATE: 2000-07-28  
PRIOR APPLICATION NUMBER: 09/512,363  
PRIOR FILING DATE: 2000-02-23  
PRIOR APPLICATION NUMBER: 60/144,076  
PRIOR FILING DATE: 2000-07-16  
PRIOR APPLICATION NUMBER: 60/134,172  
PRIOR FILING DATE: 1999-05-13  
PRIOR APPLICATION NUMBER: 60/121,648  
PRIOR FILING DATE: 1999-02-24  
PRIOR APPLICATION NUMBER: 09/176,200  
PRIOR FILING DATE: 1998-10-21  
PRIOR APPLICATION NUMBER: 60/063,212  
PRIOR FILING DATE: 1997-10-21  
NUMBER OF SEQ ID NOS: 28  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 24  
LENGTH: 12  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-915-593-24

Query March 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGACTTTCCC 1355  
DB 1 GGGGACTTTCCC 12

RESULT 420  
US-10-115-123-8  
Sequence 8, Application US/10115123  
Patent No. 6774216  
GENERAL INFORMATION:  
APPLICANT: Ruben et al.  
TITLE OF INVENTION: 94 Human Secreted Proteins  
FILE REFERENCE: P2029G30AP1D2  
CURRENT APPLICATION NUMBER: US/10/115,123  
CURRENT FILING DATE: 2002-04-04  
PRIOR APPLICATION NUMBER: PCT/US99/13418  
PRIOR FILING DATE: 1999-06-15  
PRIOR APPLICATION NUMBER: 60/089,507  
PRIOR FILING DATE: 1998-06-16  
PRIOR APPLICATION NUMBER: 60/089,508  
PRIOR FILING DATE: 1998-06-16  
PRIOR APPLICATION NUMBER: 60/089,509  
PRIOR FILING DATE: 1998-06-16  
PRIOR APPLICATION NUMBER: 60/089,510  
PRIOR FILING DATE: 1998-06-16  
PRIOR APPLICATION NUMBER: 60/090,112  
PRIOR FILING DATE: 1998-06-22  
PRIOR APPLICATION NUMBER: 60/090,113  
PRIOR FILING DATE: 1998-06-22  
NUMBER OF SEQ ID NOS: 532  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 8  
LENGTH: 12  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-115-123-8

Query March 4.1%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGACTTTCCC 1355  
DB 1 GGGGACTTTCCC 12

RESULT 421  
US-08-353-476-3  
Sequence 3, Application US/08353476  
Patent No. 5871902  
GENERAL INFORMATION:  
APPLICANT: Weininger, Susan  
TITLE OF INVENTION: METHOD OF DETECTION OF DNA WITH A  
NUMBER OF SEQUENCES: 117  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Saliwanchik & Saliwanchik  
STREET: 2421 N.W. 41st St., Suite A-1  
CITY: Gainesville  
STATE: Florida  
COUNTRY: USA  
ZIP: 32606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/353,476  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Bencen, Gerard H  
REGISTRATION NUMBER: 35,746  
REFERENCE/DOCKET NUMBER: GP-100  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (904) 375-8100  
TELEFAX: (904) 372-5800  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 13 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-353-476-3

Query March 4.1%; Score 10.4; DB 1; Length 13;  
Best Local Similarity 91.7%; Pred. No. 1.6e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1343 AGGAGACTTTC 1354  
DB 1 AGGGGACTTTC 12

RESULT 422  
US-08-913-833-19  
Sequence 19, Application US/08913833  
Patent No. 6087093  
GENERAL INFORMATION:  
APPLICANT: STUYVER, LIEVEN  
APPLICANT: LOUWAGIE, JOOST  
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED  
MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE  
NUMBER OF SEQUENCES: 164

```

CORRESPONDENCE ADDRESS:
ADDRESSEE: ARNOLD, WHITE & DURKEE
STREET: P.O. BOX 4433
CITY: HOUSTON
STATE: TEXAS
COUNTRY: USA
ZIP: 77210-4433
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 6.0 / ASCII text output
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/913,833
FILING DATE: 15 Sep 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP97/00211
FILING DATE: 17 Jan 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 96870005.4
FILING DATE: 26 Jan 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 96870081.5
FILING DATE: 25 Jun 1996
ATTORNEY/AGENT INFORMATION:
NAME: KAMMERER, PATRICIA A.
REGISTRATION NUMBER: 29,775
REFERENCE/DOCKET NUMBER: INNS:008
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHEetical: NO
ANTI-SENSE: NO
US-08-913-833-19

Query Match 4.1%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 1.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1264 AGCTGGAAGAG 1275
DB 2 AGCTGGAAGAG 13

RESULT 423
US-09-336-228B-7
Sequence 7, Application US/09336228B
Patent No. 6214187
GENERAL INFORMATION:
APPLICANT: Hammond, Philip W.
APPLICANT: Boles, T. Christian
TITLE OF INVENTION: Denaturing Gradient Affinity
TITLE OF INVENTION: Electrophoresis and Methods of Use Thereof
FILE REFERENCE: MST98-02PA
CURRENT APPLICATION NUMBER: US/09/336,228B
CURRENT FILING DATE: 1999-06-18
PRIOR APPLICATION NUMBER: 60/089,788
PRIOR FILING DATE: 1998-06-18
NUMBER OF SEQ ID NOS: 11
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 7
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Synthetic construct
US-09-336-228B-7
Query Match 4.1%; Score 10.4; DB 1; Length 13;
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```

Best Local Similarity 91.7%; Pred. No. 1.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1254 CTGCAGCAGCAG 1265
DB 2 CTGCAGCAGCAG 13

RESULT 424
US-09-580-794C-19
Sequence 19, Application US/09580794C
Patent No. 6331389
GENERAL INFORMATION:
APPLICANT: Stuyver, Lieven
APPLICANT: Louwagie, Joost
APPLICANT: Rossau, Rudi
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
TITLE OF INVENTION: TRANSCRIPTASE GENE
FILE REFERENCE: INNS008--2
CURRENT APPLICATION NUMBER: US/09/580,794C
CURRENT FILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
PRIOR FILING DATE: 1997-09-15
PRIOR APPLICATION NUMBER: PCT/EP 97/00211
PRIOR FILING DATE: 1997-01-17
PRIOR APPLICATION NUMBER: EP 96870005.4
PRIOR FILING DATE: 1996-01-26
PRIOR APPLICATION NUMBER: EP 96870081.5
PRIOR FILING DATE: 1996-06-25
NUMBER OF SEQ ID NOS: 164
SOFTWARE: PatentIn version 3.0
SEQ ID NO 19
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic Primer
US-09-580-794C-19

Query Match 4.1%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 1.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1264 AGCTGGAAGAG 1275
DB 2 AGCTGGAAGAG 13

RESULT 425
US-09-474-432B-92/C
Sequence 92, Application US/09474432B
Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot:
FILE REFERENCE: MBH00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
```

NUMBER OF SEQ ID NOS: 1526  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO: 92  
LENGTH: 13  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-474-432B-92

Query Match 4.1%; Score 10.4; DB 1; Length 13;  
Best Local Similarity 91.7%; Pred. No. 1.6e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1238 GCTGCAGTGGT 1249  
Db 12 GCTGCATTGGT 1

RESULT 426  
US-09-772-315-7/c  
Sequence 7, Application US/09772315  
Patent No. 6559125  
GENERAL INFORMATION:  
APPLICANT: DERVAN, Peter  
APPLICANT: WURTZ, Nicholas  
APPLICANT: CHANG, Aileen  
TITLE OF INVENTION: POLYAMIDE-ALKYLATOR CONJUGATES & RELATED PRODUCTS & METHODS  
FILE REFERENCE: GENESOPT09/772315  
CURRENT APPLICATION NUMBER: US/09/772.315  
CURRENT FILING DATE: 2001-01-26  
NUMBER OF SEQ ID NOS: 25  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO: 7  
LENGTH: 13  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc feature  
OTHER INFORMATION: Description of Artificial Sequence: Polyamide-Alkylator  
US-09-772-315-7

Query Match 4.1%; Score 10.4; DB 1; Length 13;  
Best Local Similarity 91.7%; Pred. No. 1.6e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1375 AGAAGCAGCTGC 1386  
Db 13 ATTAAGCAGCTGC 2

RESULT 427  
US-08-407-620A-27.  
Sequence 27, Application US/08407620A  
Patent No. 6569430  
GENERAL INFORMATION:  
APPLICANT: WALDMANN, HERMAN  
APPLICANT: CLARK, MICHAEL R.  
APPLICANT: WINTER, GREGORY P.  
APPLICANT: RIECHMANN, LUTZ  
TITLE OF INVENTION: ANTIBODIES  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NIXON & VANDERHAYE P.C.  
STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR  
CITY: ARLINGTON  
STATE: VIRGINIA  
COUNTRY: U.S.A.  
ZIP: 22201-4774  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/407,620A  
FILING DATE: 21-MAR-1995  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/235,705  
FILING DATE: 29-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/099,480  
FILING DATE: 30-JUL-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/921,601  
FILING DATE: 03-AUG-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/424,233  
FILING DATE: 12-OCT-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 88036228  
FILING DATE: 12-FEB-1988  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 8804464  
FILING DATE: 25-FEB-1988  
ATTORNEY/AGENT INFORMATION:  
NAME: MITCHARD, LEONARD C.  
REGISTRATION NUMBER: 29,009  
REFERENCE/DOCKET NUMBER: 604-325  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 816-4000  
TELEFAX: (703) 816-4100  
TELEX: 200797 NIXN UR  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 13 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-407-620A-27

Query Match 4.1%; Score 10.4; DB 1; Length 13;  
Best Local Similarity 91.7%; Pred. No. 1.6e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1255 TGCAGCAACGC 1266  
Db 1 TGCAGCATCAGC 12

RESULT 428  
US-09-476-387-92/c  
Sequence 92, Application US/09476387  
Patent No. 6617438  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpelsky, Alex  
APPLICANT: Adamic, Jasenka Matulic  
APPLICANT: Sweedler, Dave  
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot.  
FILE REFERENCE: M8H80-831-C (249/073)  
CURRENT APPLICATION NUMBER: US/09/476,387  
CURRENT FILING DATE: 2001-04-04  
PRIOR APPLICATION NUMBER: 09/474,432  
PRIOR FILING DATE: 1999-12-29  
PRIOR APPLICATION NUMBER: 09/301,511  
PRIOR FILING DATE: 1999-04-28  
PRIOR APPLICATION NUMBER: 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: 60/083,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/064,866

; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 92  
; LENGTH: 13  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-92

Query Match 4.1%; Score 10.4; DB 1; Length 13;  
Best Local Similarity 91.7%; Pred. No. 1.6e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1238 GCTGGCAGTGGT 1249  
Db 12 GCTGGCATTGGT 1

RESULT 429  
US-09-943-983C-19  
; Sequence 19, Application US/09943983C  
; Patent No. 6713251  
; GENERAL INFORMATION:  
; APPLICANT: Stuyver, Lieven  
; APPLICANT: Louwaghe, Joost  
; APPLICANT: Rossau, Rudi  
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE  
; TITLE OF INVENTION: TRANSCRIPTASE GENE  
; FILE REFERENCE: 11362.0008.DTUS02 (INNS008--3)  
; CURRENT APPLICATION NUMBER: US/09/943,983C  
; PRIOR FILING DATE: 2001-08-31  
; PRIOR APPLICATION NUMBER: US 09/580,794  
; PRIOR FILING DATE: 2000-05-30  
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093  
; PRIOR FILING DATE: 1997-09-15  
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211  
; PRIOR FILING DATE: 1997-01-17  
; PRIOR APPLICATION NUMBER: EP 96870005.4  
; PRIOR FILING DATE: 1996-01-26  
; PRIOR APPLICATION NUMBER: EP 96870081.5  
; PRIOR FILING DATE: 1996-06-25  
; NUMBER OF SEQ ID NOS: 164  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 19  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Primer  
US-09-943-983C-19

Query Match 4.1%; Score 10.4; DB 1; Length 13;  
Best Local Similarity 91.7%; Pred. No. 1.6e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1264 AGCTGAGAGAG 1275  
Db 2 AGCTGAAAAGG 13

RESULT 430  
US-08-722-001-32  
; Sequence 32, Application US/08722001  
; Patent No. 5760054  
; GENERAL INFORMATION:  
; APPLICANT: Thompson, Wayne J.  
; APPLICANT: Huff, Joel R.  
; APPLICANT: Nerenberg, Jennie B.  
; APPLICANT: Lee, Hee-Yoon  
; APPLICANT: Bell, Ian M.  
; TITLE OF INVENTION: ALPHA1C ADRENERGIC RECEPTOR ANTAGONISTS  
; NUMBER OF SEQUENCES: 35  
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Merck & Co., Inc.  
; STREET: 126 Lincoln Avenue  
; CITY: Rahway  
; STATE: New Jersey  
; COUNTRY: United States of America  
; ZIP: 07065

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/722,001  
; FILING DATE:  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/229,276  
; FILING DATE: 14-APR-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Appollina, Mary A.  
; REGISTRATION NUMBER: 34,087  
; REFERENCE/DOCKET NUMBER: 19169Y  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (908)594-3462  
; TELEFAX: (908)594-4720  
; TELEX: 138825

; INFORMATION FOR SEQ ID NO: 32:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: both  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHEetical: NO  
; ANTI-SENSE: NO  
US-08-722-001-32

Query Match 4.1%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 91.7%; Pred. No. 1.9e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1287 GACCCTCAGGGT 1298  
Db 2 GATCCTCAGGGT 13

RESULT 431  
US-08-985-162-1800  
; Sequence 1800, Application US/08985162  
; Patent No. 6057156  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq for Windows 2.0



```

: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/985,162
: FILING DATE: 04 December 1997
: CLASSIFICATION: 514
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 60/036,476
: FILING DATE: 31 January 1997
: ATTORNEY/AGENT INFORMATION:
: NAME: Waiburg, Richard J.
: REGISTRATION NUMBER: 32,327
: REFERENCE/DOCKET NUMBER: 230/107
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (213) 489-1600
: TELEFAX: (213) 955-0440
: TELE: 67-3510
: INFORMATION FOR SEQ ID NO: 1800:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 14 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
:
: US-08-985-162-1800
:
Query Match          4.1% Score 10.4; DB 1; Length 14;
Best Local Similarity 83.3%; Pred. No. 1.9e+02;
Matches 10; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy      1261 AACAGCTGGAG 1272
Db      2 AACAGCTGGAG 13

RESULT 432
: US-09-275-850-23
: Sequence 23, Application US/09275850A
: Patent No. 6261774
: GENERAL INFORMATION:
: APPLICANT: Pagratis, Nikos
: APPLICANT: Gold, Larry
: APPLICANT: Sheatland, Timur
: APPLICANT: Javornik, Brenda
: TITLE OF INVENTION: Truncation SELEX Method
: FILE REFERENCE: NEX 79
: CURRENT APPLICATION NUMBER: US/09/275,850A
: CURRENT FILING DATE: 1999-03-24
: NUMBER OF SEQ ID NOS: 351
: SOFTWARE: Patentin Ver. 2.0
: SEQ ID NO 23
: LENGTH: 14
: TYPE: RNA
: ORGANISM: E. coli
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: US-09-275-850-23
:
Query Match          4.1% Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1257 CAGCAACAGCTG 1268
Db      3 CAGCAACAGCTG 14

RESULT 433
: US-09-475-947A-278
: Sequence 278, Application US/09475947A
: Patent No. 6472154
: GENERAL INFORMATION:
: APPLICANT: Garner, Harold R.
: APPLICANT: Wren, Jonathan D.
: APPLICANT: Minna, John D.
: TITLE OF INVENTION: Polymorphic Repeats in Human Genes
: FILE REFERENCE: UTS00667
: CURRENT APPLICATION NUMBER: US/09/475,947A
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: CURRENT FILING DATE: 1999-12-31
: NUMBER OF SEQ ID NOS: 346
: SOFTWARE: Patentin Ver. 2.1
: SEQ ID NO 278
: LENGTH: 14
: TYPE: DNA
: ORGANISM: human
:
: US-09-475-947A-278
:
Query Match          4.1% Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1235 TGTGCTGGCACT 1246
Db      2 TGTGCTGGCACT 13

RESULT 434
: US-08-301-037-1
: Sequence 1, Application US/08301037
: Patent No. 6528313
: GENERAL INFORMATION:
: APPLICANT: Le Mouellic, Herve
: APPLICANT: Brulet, Philippe
: TITLE OF INVENTION: Procedure for Specific Replacement of a Copy of a
: Gene Present in the Recipient Genome by the Integration of a
: That Where the Integration is Made
:
: NUMBER OF SEQUENCES: 17
: CORRESPONDENCE ADDRESSES:
: ADDRESSEE: Flanagan, Henderson, Farabow, Garrett &
: Dunner
: STREET: 1300 I Street, N.W.
: CITY: Washington
: STATE: D.C.
: COUNTRY: USA
: ZIP: 20005-3315
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/301,037
: FILING DATE: 06-Sep-1994
: CLASSIFICATION: <Unknown>
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/301,037
: FILING DATE: 06-SEP-1994
: APPLICATION NUMBER: US 07/867,744
: FILING DATE: 13-APR-1992
: APPLICATION NUMBER: US 07/598,679
: FILING DATE: 19-DEC-1990
: APPLICATION NUMBER: WO PCT/FR90/00185
: FILING DATE: 19-MAR-1990
: APPLICATION NUMBER: FR 8903630
: FILING DATE: 20-MAR-1989
: ATTORNEY/AGENT INFORMATION:
: NAME: Poter, Jane E.
: REGISTRATION NUMBER: 33,332
: REFERENCE/DOCKET NUMBER: 02356-0053-06000
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 202-408-4000
: TELEFAX: 202-408-4400
: INFORMATION FOR SEQ ID NO: 1:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 14 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
: SEQUENCE DESCRIPTION: SEQ ID NO: 1:
:
: US-08-301-037-1
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Query Match 4.1%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 91.7%; Pred. No. 1.9e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1229 CCAGCATGTGCT 1240  
Db 1 CCAGCATGTGCT 12

RESULT 435  
US-08-466-539-1  
; Sequence 1, Application US/08466539  
; Patent No. 6528314  
; GENERAL INFORMATION:  
; APPLICANT: Le Mouellic, Hervé  
; TITLE OF INVENTION: Procedure for Specific Replacement  
; TITLE OF INVENTION: of a Copy of a Gene Present in the Recipient Genome by the  
; TITLE OF INVENTION: Integration of a Gene Different From That Where the Integratio  
; TITLE OF INVENTION: is Made  
; NUMBER OF SEQUENCES: 17  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
; ADDRESSER: Dunner  
; STREET: 1300 I Street, N.W.  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20005-3315  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/466,539  
; FILING DATE: 06-JUN-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/301,037  
; FILING DATE: 06-SEP-1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/867,744  
; FILING DATE: 13-APR-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/598,679  
; FILING DATE: 19-DEC-1990  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: WO PCT/FR90/00185  
; FILING DATE: 19-MAR-1990  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: FR 8903630  
; FILING DATE: 20-MAR-1989  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Poter, Jane E.  
; REGISTRATION NUMBER: 33,332  
; REFERENCE/DOCKET NUMBER: 02356-0053-05000  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-408-4000  
; TELEFAX: 202-408-4400  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; US-08-466-539-1

Query Match 4.1%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 91.7%; Pred. No. 1.9e+02;

Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1229 CCAGCATGTGCT 1240  
Db 1 CCAGCATGTGCT 12

RESULT 436  
US-09-401-063-1800  
; Sequence 1800, Application US/09401063  
; Patent No. 6623962  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: McSwigen, James  
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Fastseq for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/401,063  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/985,162  
; FILING DATE: 04 December 1997  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 230/107  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1800:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-09-401-063-1800

Query Match 4.1%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 83.3%; Pred. No. 1.9e+02;  
Matches 10; Conservative 1; Mismatches 1; Indels 0; Gaps 0;  
QY 1261 AACAGCTGAG 1272  
Db 2 AACAGCTGAG 13

RESULT 437  
US-09-874-601-3/C  
; Sequence 3, Application US/09874601  
; Patent No. 6632057  
; GENERAL INFORMATION:

APPLICANT: LEWIN, ALFRED S.  
APPLICANT: SHAW, LYNN C.  
APPLICANT: GRANT, MARYA B.  
TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METHOD  
FILE REFERENCE: 4300.014100  
CURRENT APPLICATION NUMBER: US/09/874,601  
PRIOR FILING DATE: 2001-05-01  
PRIOR APPLICATION NUMBER: 09/063,667  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/046,147  
PRIOR FILING DATE: 1997-05-09  
PRIOR APPLICATION NUMBER: 60/044,492  
PRIOR FILING DATE: 1997-04-21  
NUMBER OF SEQ ID NOS: 182  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 3  
LENGTH: 14  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc.feature  
LOCATION: (1..1)  
OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE  
US-09-874-601-3

Query Match 4.1%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 91.7%; Pred. No. 1.9e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1269 GAAGAGCTGAG 1280  
DB 13 GAAGAGCTGCG 2

RESULT 438  
US-08-466-699-1  
Sequence 1, Application US/08466699  
Patent No. 6638768  
GENERAL INFORMATION:  
APPLICANT: Le Mouellic, Hervé  
APPLICANT: Brulet, Philippe  
TITLE OF INVENTION: Procedure for Specific Replacement of a Copy  
TITLE OF INVENTION: of a Gene Present in the Recipient Genome by the Integration of  
TITLE OF INVENTION: Different From That Where the Integration is Made  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Finnegan, Henderson, Farbow, Garrett &  
STREET: 1300 I Street, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20005-3315  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/466,699  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/301,037  
FILING DATE: 06-SEP-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/867,744  
FILING DATE: 13-APR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/598,679  
FILING DATE: 19-DEC-1990

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/FR90/00185  
FILING DATE: 19-MAR-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR 8903630  
FILING DATE: 20-MAR-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Potter, Jane E.  
REGISTRATION NUMBER: 33,332  
REFERENCE/DOCKET NUMBER: 02356-0053-06000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-408-4000  
TELEFAX: 202-408-4400  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-466-699-1

Query Match 4.1%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 91.7%; Pred. No. 1.9e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1229 CCAGCATGTGCT 1240  
DB 1 CCAGCATGTGCT 12

Search completed: December 6, 2004, 18:18:19  
Job time : 3 secs

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